T.O. 12R2-4-6-34

RADIO SET

6185-1/MC

(ILLUSTRATED PARTS BREAKDOWN)

15 - OCTOBER - 1962

T.O. 12R2-4-6-34

TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

RADIO SET
618S-1/MC

(RCA)

AF33(604)37030

EACH TRANSMITTAL OF THIS DOCUMENT OUTSIDE OF THE DEPARTMENT OF DEFENSE MUST HAVE APPROVAL OF THE TECHNICAL ORDER DISTRIBUTION CONTROL ACTIVITY. REFER TO T.O. 00-5-2.

Basic And All Changes Have Been Merged To Make This A Complete Publication.

PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE

AFLC RAFB, GA REPRINT

15 OCTOBER 1962

CHANGE 6 – 27 NOVEMBER 1970

Reproduction for nonmilitary use of the information or illustrations contained in this publication is not permitted without specific approval of the issuing service (NASC or USAF). The policy for use of Classified Publications is established for the Air Force in AFR 205-1 and the Navy in Navy Regulations, Article 1509

Technical Orders are normally distributed promptly after printing. Date(s) shown on the title page (lower right) are for identification only. This is not a distribution date. Processing time sometimes causes distribution to only appear to have been delayed.

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

Original...0...15 Oct 62 Change ....3 ... 24 Jun 69 Change ....6....27 Nov 70
Change ...1...19 Mar 65 Change ....4 ... 4 May 70
Change ...2...11 Sep 68 Change ....5 ... 25 Jun 70

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 88 CONSISTING OF THE FOLLOWING:

Page No.	*Change No.*	*Page No.*	*Change No.*	*Page No.*	*Change No.*
*Title	6	2-31	1	4-5	0
*A	6	2-32	0	4-6	1
i	0	2-33	1		
ii Blank	0	2-34 - 2-39	0		
1-1 - 1-2	0	2-40 - 2-41	1		
1-3	1	2-42	0		
1-4 - 1-6	0	2-43 - 2-44	1		
2-1	1	2-45 - 2-58	0		
2-2	0	2-59	1		
2-3	4	2-60	0		
2-4	0	2-61	1		
2-5	1	2-62	0		
2-6	0	2-63	1		
2-7	5	2-64	0		
2-8	1	2-65	1		
2-9	2	2-66 Blank	1		
* 2-10 - 2-14	6	*3-1 - 3-5	6		
2-15	1	3-6	2		
2-16	0	4-1	1		
2-17	2	4-2	2		
2-18 - 2-19	0	4-3	0		
2-20	3	4-4	1		
2-21 - 2-30	0				

Upon receipt of the second and subsequent changes to this technical order, personnel responsible for maintaining this publication in current status will ascertain that all previous changes have been received and incorporated. Action should be taken promptly if the publication is incomplete.

* The asterisk indicates pages changed, added, or deleted by the current change.

ADDITIONAL COPIES OF THIS PUBLICATION MAY BE OBTAINED AS FOLLOWS: USAF

USAF ACTIVITIES. - In accordance with T.O. 00-5-2.

NAVY ACTIVITIES. - Use Publications and Forms Order Blank (NAVAIR 140) and submit in accordance with instruction thereon. For listing of available material and details of distribution see Naval Air Systems Command Publications Index NAVAIR 00-500.

TABLE OF CONTENTS

Section		Page
I	INTRODUCTION	1-1
II	GROUP ASSEMBLY PARTS LIST	2-1
	Radio Set Control	2-2
	Receiver-Transmitter 618S-1/MC	2-4
	Modification IF Amplifier 618S-1/MC	2-6
	Channelizer 618S-1/MC (Sheet 1 of 2)	2-8
	Channelizer 618S-1/MC (Sheet 2 of 2)	2-10
	Dual Crystal Oscillator (Sheet 1 of 3)	2-16
	Dual Crystal Oscillator (Sheet 2 of 3)	2-18
	Dual Crystal Oscillator (Sheet 3 of 3)	2-19
	Filter Amplifier	2-21
	Right Hand Electrical Component Assembly	2-24
	Left Hand Electrical Component Assembly	2-29
	Channelizer Drive Mechanism	2-32
	Discriminator (Sheet 1 of 2)	2-34
	Discriminator (Sheet 2 of 2)	2-36
	Modification Front Panel Subassembly	2-39
	Modification RF Tuner	2-41
	Modification AF Amplifier	2-42
	Modification Module BFO Sidetone Gate	2-43
	Modification Modulator (Sheet 1 of 2)	2-45
	Modification Modulator (Sheet 2 of 2)	2-47
	AME Carrier Control	2-49
	Modification RF Amplifier	2-50
	Reference Oscillator (Sheet 1 of 4)	2-52
	Reference Oscillator (Sheet 2 of 4)	2-54
	Reference Oscillator (Sheet 3 of 4)	2-56
	Reference Oscillator (Sheet 4 of 4)	2-57
	Modification Main Receiver-Transmitter (Sheet 1 of 2)	2-59
	Modification Main Receiver-Transmitter (Sheet 2 of 2)	2-61
	Test Adapter and Cable for Radio Test Set 478H-1	2-64
III	NUMERICAL INDEX	3-1
IV	REFERENCE DESIGNATION INDEX	4-1

SECTION I

INTRODUCTION

1-1. GENERAL.

1-2. This Illustrated Parts Breakdown lists and describes the parts for the Receiver-Transmitter 618S-1/MC and Radio Set Control, part numbers 8314528-501 and 8614263-501, manufactured by Radio Corporation of America, Defense Electronic Products, Camden, New Jersey, and is divided into four sections.

1-3. GROUP ASSEMBLY PARTS LIST.

1-4. The Group Assembly Parts List, Section II, consists of a breakdown of the complete unit, broken down into their assemblies, subassemblies, detail parts and attaching parts.

1-5. FIGURE AND INDEX NUMBER.

1-6. Each part is identified by an index number appearing in the illustration of the assembly. These numbers are arranged in the first column in their natural order, which is also the correct order of disassembly, except attaching parts which are listed immediately following the part they attach.

1-7. PART NUMBER.

1-8. The manufacturer's part number is listed in the second column. Prime manufacturer's part numbers are listed. The Radio Corporation of America specification control number and vendor's code, parenthetically listed, when applicable, follow the listing for the part.

1-9. DESCRIPTION.

1-10. The part description consists of drawing nomenclature. The component or major assembly is listed under numeral 1, and each assembly, subassembly or part is indented in the order of its relationship to the preceding assembly, subassembly or part. For example, all items under numeral 3 are parts of the item under numeral 2 directly above (exclusive of attaching parts).

1-11. Attaching parts are listed immediately following the item they attach and have the same indenture. A separation symbol (---*---) follows the listing of the attaching parts to distinguish them from subsequent listings of items having the same or subordinate indentation.

1-12. ABBREVIATIONS.

1-13. Abbreviations used in this publication are listed immediately following.

AF	Audio Frequency
BFO	Beat Frequency Oscillator
Cont	Control
dia	diameter
div	division
Dwg	Drawing
fil	fillister
GFE	Government Furnished Equipment
hd	head
hi	high
IF	Intermediate Frequency
in.	inch
KC	Kilocycles
lh	left hand
mh	microhenry
NHA	Next Higher Assembly
No.	Number
NP	Not Procured
osc	oscillator
RCA	Radio Corporation of America
Ref	Reference
regen	regenerative
RF	Radio Frequency
rh	right hand
rpm	revolutions per minute
Spec	Specification
std	standard
trans	transformer
uf	microfarad
uuf	micromicrofarad
v	volt
vdc	volts direct current
vdcw	volts direct current working
w	watts

1-14. VENDORS' CODE.

1-15. Vendor codes have been assigned in accordance with Cataloging Handbook, H4-1, Federal Supply Code for Manufacturers. The complete listing of all vendors and their codes used in the description column are listed immediately following.

CODE	VENDOR
01281	PACIFIC SEMICONDUCTORS, INC. Culver City, California
02660	AMPHENOL-BORG ELECTRONICS CORP. Chicago, Illinois
05079	TRANSISTOR ELECTRONICS, INC. Bennington, Vermont
08717	SLOAN CO. Sun Valley, California
09922	BURNDY CORP. Norwalk, Connecticut
13499	COLLINS RADIO CO. Cedar Rapids, Iowa

CODE	VENDOR
15909	DAVEN CO. Livingston, New Jersey
24446	GENERAL ELECTRIC COMPANY Schenectady, New York
25140	GLOBE INDUSTRIES, INC. Dayton, Ohio
42498	NATIONAL CO., INC. Malden, Massachusetts
44038	NORTH ELECTRIC CO. Galion, Ohio
71450	CTS CORP. Elkhart, Indiana
71482	C. P. CLARE AND CO. Chicago, Illinois
71785	CINCH MFG. CORP. Chicago, Illinois
72136	ELECTRO MOTIVE MFG. CO. Willimantic, Connecticut
72794	DZUS FASTENER CO., INC. Babylon, New York
74868	R. F. PRODUCTS Division of Amphenol-Borg Electronics Corp. Danbury, Connecticut
76665	NATIONAL LOCK WASHER CO. Newark, New Jersey
76854	OAK MFG. CO. Chicago, Illinois
77147	PATTON MACGUYER CO. Providence, Rhode Island
78189	SHAKEPROOF Division of Illinois Tool Works Elgin, Illinois
78912	UNITED STATES GASKET CO. Plastics Division of Garlock, Inc. Camden, New Jersey
80035	WINCHESTER ELECTRONICS CO., INC. New York, New York
83324	ROSAN, INC. Newport Beach, California
89307	SPRAGUE ENGINEERING CORP. Gardena, California
93410	STEVENS MFG. CO., INC. Mansfield, Ohio
94375	AUTOMATIC METAL PRODUCTS CO. Brooklyn, New York
95076	GARDE MFG. CO. Providence, Rhode Island
98291	SEALELECTRO CORP. New Rochelle, New York
98926	IRON FIREMAN MFG. CO. Portland, Oregon

1-16. Items listed without a vendor's code are manufactured by Radio Corporation of America or are parts manufactured to Government Specifications.

1-17. UNITS PER ASSEMBLY.

1-18. The quantity listed in the units per assembly column is the quantity required at that particular location. To obtain the quantity required for the complete unit, refer to the Numerical Index, Section III.

1-19. USABLE ON CODE.

1-20. Part variations within the equipment are indicated by a letter symbol immediately following the units per assembly in the "Usable on Code" column. In case the column has been left blank, parts listed apply to all equipment covered by this book.

MASTER USABLE ON CODING LIST

USABLE ON CODE	UNIT DESIG-NATION	USABLE ON CODE	UNIT DESIG-NATION
A	1 thru 120	T	700 and up
B	121 and up	U	1 thru 25
C	200 and up	V	26 and up
D	120 and up	W	2 thru 74
E	100 and up	X	75 and up
F	1 thru 106	Y	125 and up
G	107 and up	Z	256 and up
H	1 thru 60	AA	425 and up
J	61 and up	AB	85 and up
K	1	AC	32 and up
L	2 and up	AD	185 and up
M	65 and up	AE	1 thru 184
N	277 and up	AF	28 and up
P	1 thru 277	AG	81 and up
R	1 thru 64	AH	1 thru 80
S	1 thru 700		

1-21. NUMERICAL INDEX.

1-22. PART NUMBERS.

1-23. The Numerical Index, Section III, is arranged in the alpha-numerical order of part numbers.

a. The order of precedence in beginning the part number arrangement on the extreme left-hand (first) position of the part number is as follows:

Letters A through Z
Numbers 0 through 9

NOTE

Alphabetical O's shall be considered as numerical zeros.

b. The order of precedence in continuing the part number arrangement on the second and succeeding positions of the part number from left to right is as follows:

Space (blank column)	Dash (-)
Diagonal (slant)	Letters A through Z
Point (period)	Numerals 0 through 9

c. Items without part numbers are listed using the noun name as the part number as follows:

NAS601-6
NUT
N1247

1-24. STOCK NUMBER.

1-25. The policy of including and updating stock number information in Illustrated Parts Breakdown manuals has been discontinued. Purging of stock numbers will be accomplished on a phased basis as changes are made to Illustrated Parts Breakdown pages to add or change other required information. See S-00-1-1, USAF Master Cross - Reference Index for converted part number to stock number information.

1-26. FIGURE AND INDEX NUMBER.

1-27. The third column of the Numerical Index lists all figures in which the part appears, together with pertinent index numbers. When the part is used several times in the same assembly under different index numbers, it is listed and described each time.

1-28. QUANTITY PER ARTICLE.

1-29. The fourth column gives the quantity for a complete equipment covered by this Illustrated Parts Breakdown. When there are several entries, the total quantity will be carried on the first entry that appears and all subsequent entries will be listed by figure and index numbers only. When there are several models, the entry is for the model having the greatest quantity. The other model figure and index numbers are also listed with the word "Ref" listed in the Quantity Per Assembly column. In the case of a cross reference number, the part number will be in the part number column and the number cross referenced will be located, parenthetically, through the Figure and Index Number, Quantity Per Article and if necessary the Source Code columns.

1-30. SOURCE CODE. Source coding as applied to the numerical index has been assigned by Department representatives.

1-31. CODE "P" - PARTS UNDER INVENTORY STOCK CONTROL.

a. CODE "P" is applied to parts which are procured in view of relatively high usage. Code "P" parts may be requisitioned and installed by any maintenance level, unless followed by the letter - "O", which restricts requisition and replacement to Depot (O & R) level only. Restricted service manufacture is considered practicable but only after an attempt has been made to procure from Supply Sources. In lieu of Procurement of "P" Coded parts, the Department may designate a Depot (O & R) level activity to manufacture supply requirements for the Program.

b. CODE "P1" is applied to parts which are very difficult or uneconomical to manufacture. Service manufacture is considered impracticable. Code "P1" parts may be requisitioned and installed by any maintenance level, unless followed by the letter - "O" which restricts requisition and replacement to Depot (O & R) level only.

1-32. CODE "M" MANUFACTURE, PARTS NOT PROCURED.

a. CODE "M" is applied to parts which are within the facilities of any activity to manufacture. Procurement and stocking are not justified in view of the relatively low usage, or storage and installation factors, of these parts. Needs are to be met by local manufacture as required.

b. CODE "M1" is applied to parts which can be manufactured only by utilizing the facilities of the Depot (O & R) activity. Procurement and stocking of these parts are not justified in view of their relatively low usage and installation factors. The needs of all activities are to be met through salvage, or by Depot (O & R) level manufacture.

1-33. CODE "A" ASSEMBLY - ASSEMBLY NOT PROCURED.

a. CODE "A" is applied to assemblies made up of two or more units each of which carry individual part numbers and description, and which may be assembled by any Maintenance level.

b. CODE "A1" is applied to assemblies made up of two or more parts each of which carry individual part numbers and description, and which may be assembled only by activities having Depot (O & R) facilities.

1-34. CODE "X" PARTS CONSIDERED IMPRACTICABLE FOR MANUFACTURE OR PROCUREMENT.

a. CODE "X" is applied to Main Structural Members or similar parts which, if required, would suggest extensive aircraft or equipment reconditioning. The need of a part, or parts, coded "X" (wing spar caps, center section structure) should normally result in a recommendation to retire the aircraft or equipment from Service.

b. CODE "X1" is applied to parts for which procurement of the next larger assembly is justified; e.g., an integral detail part, such as welded segments, inseparable from its assembly; a part machined in a matched set; or a part of an assembly which, if required, would suggest extensive reconditioning of each assembly.

c. CODE "X2" is applied to parts which are neither procured nor stocked. Activities requiring such parts shall attempt to obtain from salvage; if not obtainable from salvage, such parts shall be requisitioned through normal supply channels with supporting justification.

1-35. CODE ** PARTS NOT PROCURED, MANUFACTURED OR STOCKED. CODE ** applies to installation drawings, diagrams, instructions or field service drawings, basic drawing numbers which cannot be procured or manufactured and obsolete parts.

1-36. REFERENCE DESIGNATION INDEX.

1-37. In Section IV the parts are listed in the alphabetical and numerical order of reference designations.

1-38. FIGURE AND INDEX NUMBER.

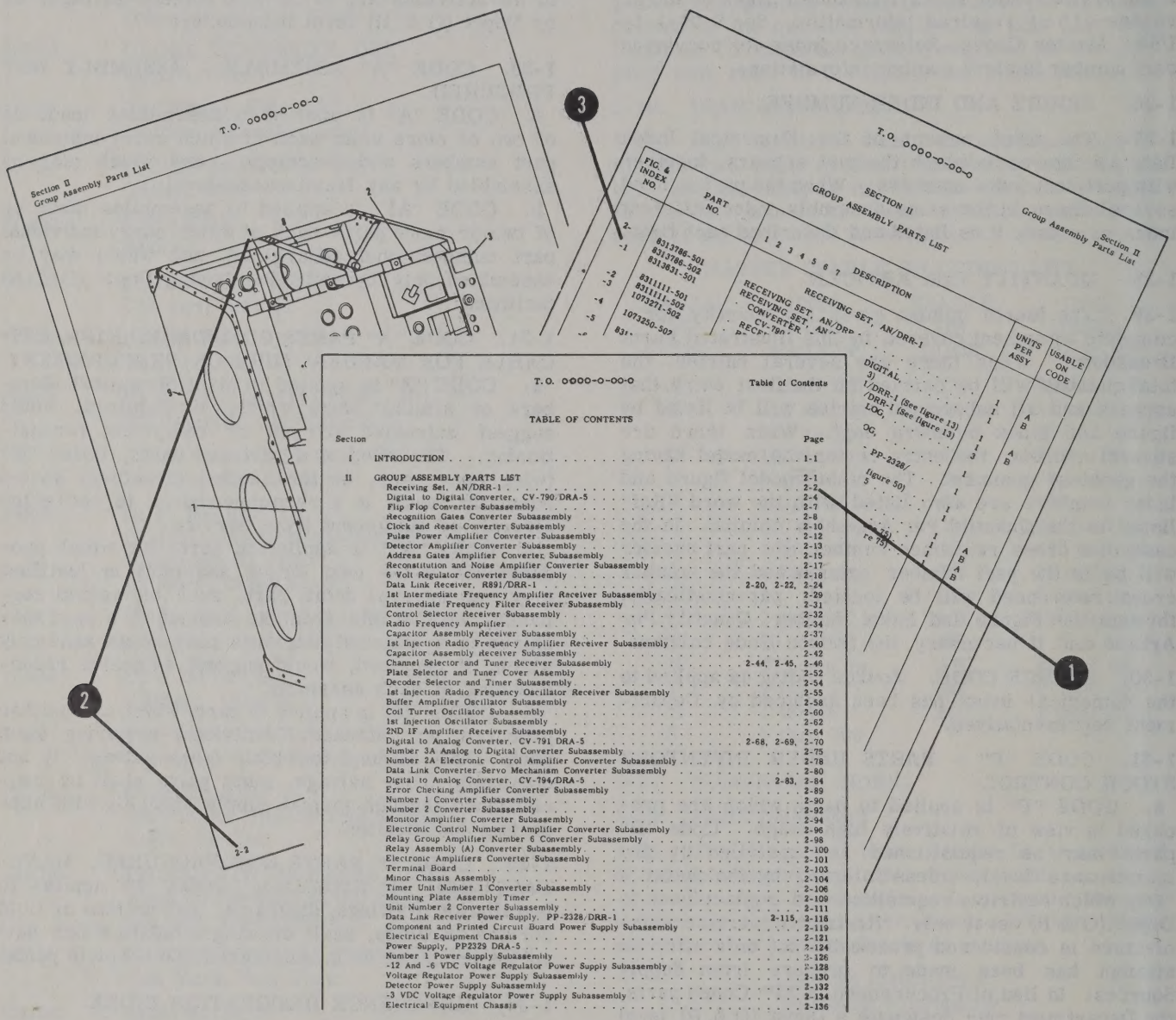
1-39. Each listed part is assigned an index number on the drawing in the Group Assembly Parts List. These figure and index numbers are given in the second column.

1-40 and 1-41. Deleted

1-42. PART NUMBER.

1-43. The fourth column contains the AN standard or manufacturer's part number, which is the same as that in Section II, Group Assembly Parts List and Section III, Numerical Index.

HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN


T.O. 0000-0-00-0
Section II
Group Assembly Parts List
FIG. & INDEX NO.
PART NO.
SECTION II
GROUP ASSEMBLY PARTS LIST
1 2 3 4 5 6 7 DESCRIPTION
RECEIVING SET, AN/DRR-1
UNITS PER ASSY
USABLE ON CODE
8313786-501
8313786-502
8313831-501
8311111-501
8311111-502
1073271-502
1073250-507
T.O. 0000-0-00-0
Table of Contents
TABLE OF CONTENTS
Section
Page
I INTRODUCTION . . . 1-1
II GROUP ASSEMBLY PARTS LIST . . . 2-1
Receiving Set, AN/DRR-1 . . . 2-2
Digital to Digital Converter, CV-790/DRA-5 . . . 2-4
Flip Flop Converter Subassembly . . . 2-7
Recognition Gates Converter Subassembly . . . 2-8
Clock and Reset Converter Subassembly . . . 2-10
Pulse Power Amplifier Converter Subassembly . . . 2-12
Detector Amplifier Converter Subassembly . . . 2-13
Address Gates Amplifier Converter Subassembly . . . 2-15
Reconstitution and Noise Amplifier Converter Subassembly . . . 2-17
6 Volt Regulator Converter Subassembly . . . 2-18
Data Link Receiver, R891/DRR-1 . . . 2-20, 2-22, 2-24
1st Intermediate Frequency Amplifier Receiver Subassembly . . . 2-29
Intermediate Frequency Filter Receiver Subassembly . . . 2-31
Control Selector Receiver Subassembly . . . 2-32
Radio Frequency Amplifier . . . 2-34
Capacitor Assembly Receiver Subassembly . . . 2-37
1st Injection Radio Frequency Amplifier Receiver Subassembly . . . 2-40
Capacitor Assembly Receiver Subassembly . . . 2-42
Channel Selector and Tuner Receiver Subassembly . . . 2-44, 2-45, 2-46
Plate Selector and Tuner Cover Assembly . . . 2-52
Decoder Selector and Timer Subassembly . . . 2-54
1st Injection Radio Frequency Oscillator Receiver Subassembly . . . 2-55
Buffer Amplifier Oscillator Subassembly . . . 2-58
Coil Turret Oscillator Subassembly . . . 2-60
1st Injection Oscillator Subassembly . . . 2-62
2ND IF Amplifier Receiver Subassembly . . . 2-64
Digital to Analog Converter, CV-791 DRA-5 . . . 2-68, 2-69, 2-70
Number 3A Analog to Digital Converter Subassembly . . . 2-75
Number 2A Electronic Control Amplifier Converter Subassembly . . . 2-78
Data Link Converter Servo Mechanism Converter Subassembly . . . 2-80
Digital to Analog Converter, CV-794/DRA-5 . . . 2-83, 2-84
Error Checking Amplifier Converter Subassembly . . . 2-89
Number 1 Converter Subassembly . . . 2-90
Number 2 Converter Subassembly . . . 2-92
Monitor Amplifier Converter Subassembly . . . 2-94
Electronic Control Number 1 Amplifier Converter Subassembly . . . 2-96
Relay Group Amplifier Number 6 Converter Subassembly . . . 2-98
Relay Assembly (A) Converter Subassembly . . . 2-100
Electronic Amplifiers Converter Subassembly . . . 2-101
Terminal Board . . . 2-103
Minor Chassis Assembly . . . 2-104
Timer Unit Number 1 Converter Subassembly . . . 2-106
Mounting Plate Assembly Timer . . . 2-109
Unit Number 2 Converter Subassembly . . . 2-111
Data Link Receiver Power Supply, PP-2328/DRR-1 . . . 2-115, 2-116
Component and Printed Circuit Board Power Supply Subassembly . . . 2-119
Electrical Equipment Chassis . . . 2-121
Power Supply, PP2329 DRA-5 . . . 2-124
Number 1 Power Supply Subassembly . . . 2-126
-12 And -6 VDC Voltage Regulator Power Supply Subassembly . . . 2-128
Voltage Regulator Power Supply Subassembly . . . 2-130
Detector Power Supply Subassembly . . . 2-132
-3 VDC Voltage Regulator Power Supply Subassembly . . . 2-134
Electrical Equipment Chassis . . . 2-136
1
2
3

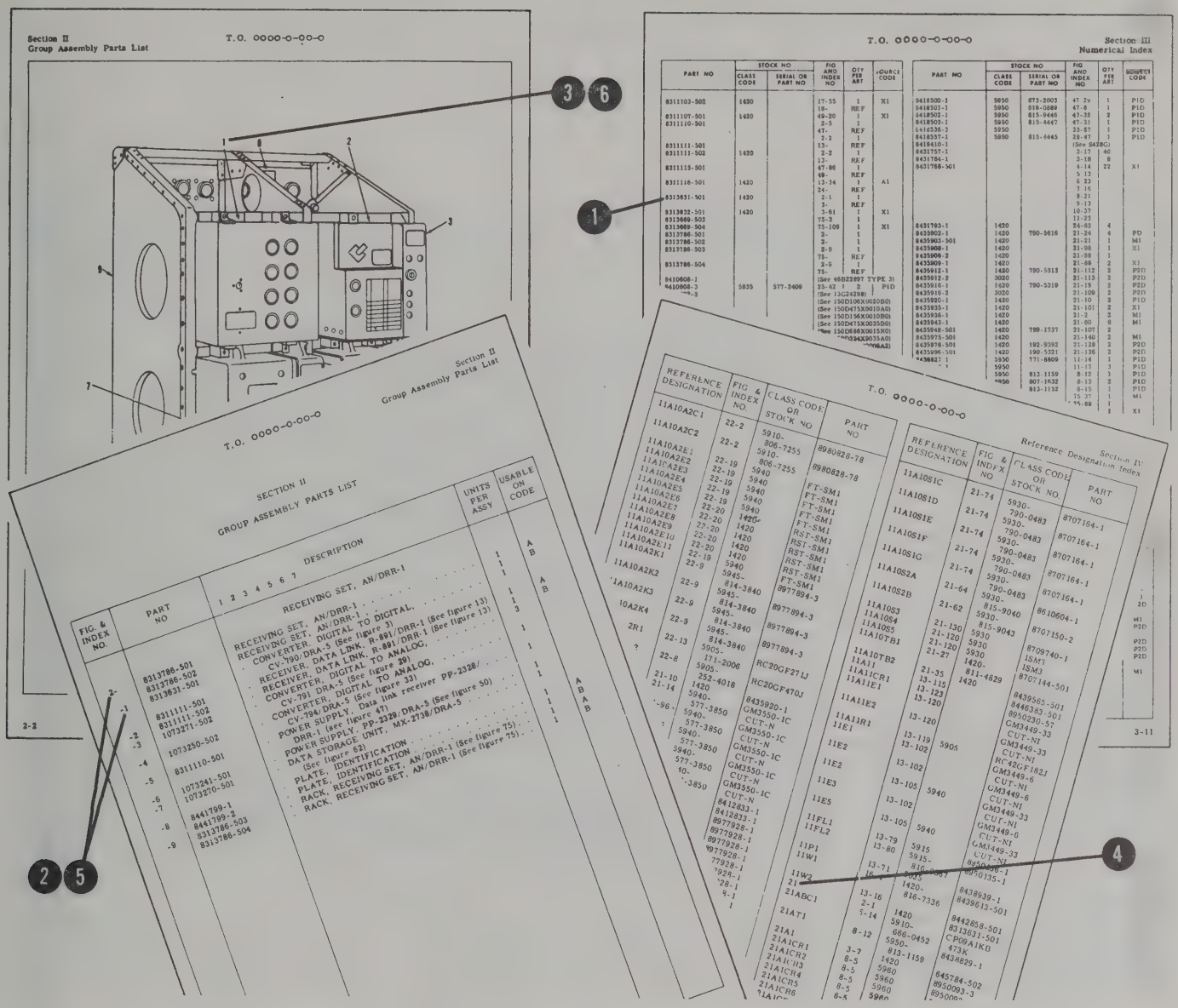
WHEN THE PART NUMBER IS NOT KNOWN

1. Determine the function and application of the part required. Turn to the Table of Contents and select the most appropriate title. Note the illustration page number.

2. Turn to the page indicated and locate the desired part on the illustration.

3. From the illustration, obtain the index number assigned to the part desired. Refer to the accompanying description for specific information regarding the part.

HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN



WHEN THE PART NUMBER OR REFERENCE DESIGNATION IS KNOWN

1. When the part number is known, refer to Section III Numerical Index. Locate the part number and note the figure and index number assigned to the part number.

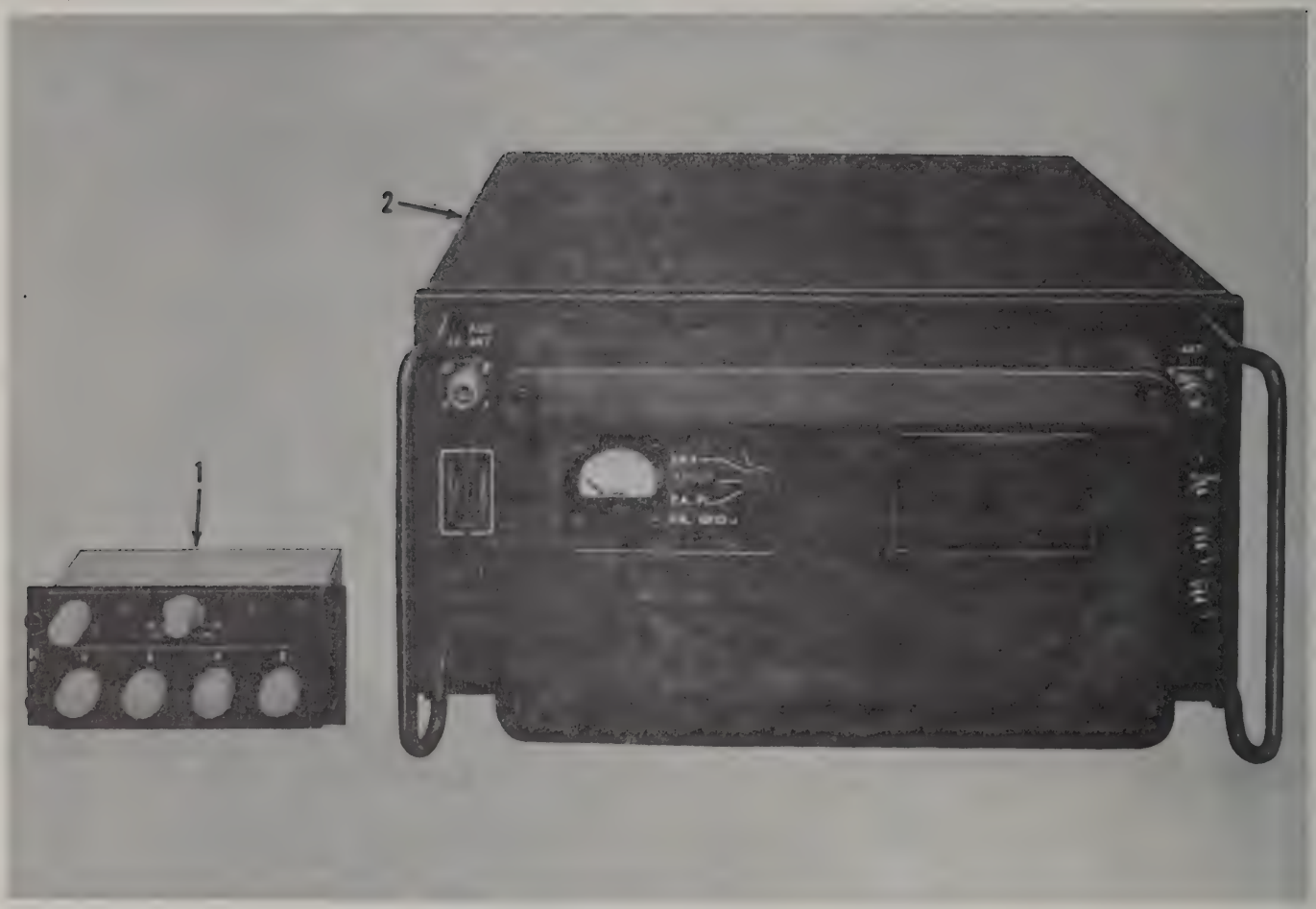
2. Turn to the figure number indicated and locate the index number referenced in the Numerical Index.

3. If a pictorial representation of the part, or its location is desired, refer to the same index number on the accompanying illustration.

4. When the reference designation is known, refer to Section IV, Reference Designation Index. Locate the reference designation and note the figure and index number and the part number assigned.

5. Turn to the figure indicated and locate the index number referenced in the Reference Designation Index.

6. If a pictorial representation of the part, or its location is desired, refer to the same index number on the accompanying illustration.



INDEX NO.		FIGURE NO.
1	Radio Control Set	2
2	Receiver-Transmitter, 618S-1/MC	3-20
	Special Support Equipment	21

Figure 1. Radio Set 618S-1/MC

SECTION II

GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RADIO SET CONTROL		
2-	8614263-501	CONTROL, Radio Set.	1	
-1	8488738-501	. KNOB ASSEMBLY	1	
-2	8488740-501	. KNOB ASSEMBLY	1	
			4	
		---*---		
	8724781-501	. COVER, Control box	1	
-3	5S3-1	. . WASHER, Retaining (71386) RCA Spec Cont Dwg 8914316-1	2	
-4	480346-705	. . FASTENER, Stud	2	
-5	872478-2	. . COVER	1	
-6	MS25237-327	. LAMP.	3	
-7	MS25010-2A	. LAMPHOLDER	2	A
	MS25010-2A	. LIGHT	2	B
-8	8483798-502	. LAMPHOLDER	1	
-9	MS91528-1D2G	. KNOB.	4	
-10	8724788-1	. COVER, Dial, control box	1	
		(ATTACHING PARTS)		
	990382-817	. SCREW, Machine, pan hd, No. 2-56	4	
		---*---		
-11	8488737-501	. DIAL ASSEMBLY, Units	1	
-12	8488737-502	. DIAL ASSEMBLY, Tens and thousands	2	
-13	8488737-503	. DIAL ASSEMBLY, Hundreds	1	
		(ATTACHING PARTS)		
	MS51053-101	. SCREW	8	
		---*---		
-14	8469614	. CONNECTOR, Receptacle, electrical	1	
		(ATTACHING PARTS)		
	8924490-711	. SCREW, Machine, flat hd, No. 4-40	4	
	MS15795-203	. WASHER	4	
	MS35337-40	. WASHER	4	
	2104-4	. TERMINAL, Lug (78189) RCA Spec Cont Dwg 99061-104	1	
	MS35649-42	. NUT	4	
		---*---		
-15	8724779-501	. PLATE, Rear	1	
		(ATTACHING PARTS)		
	8924490-709	. SCREW, Machine, flat hd, No. 4-40	6	
		---*---		
-16	RC337-1	. RESISTOR, Tapped (15909) RCA Spec Cont Dwg. 8413723-1 . . .	1	
-17	8745004-1	. SWITCH, Slide mode	1	
		(ATTACHING PARTS)		
	8924490-709	. SCREW, Machine, flat hd, No. 4-40	2	
	MS15795-204	. WASHER	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		

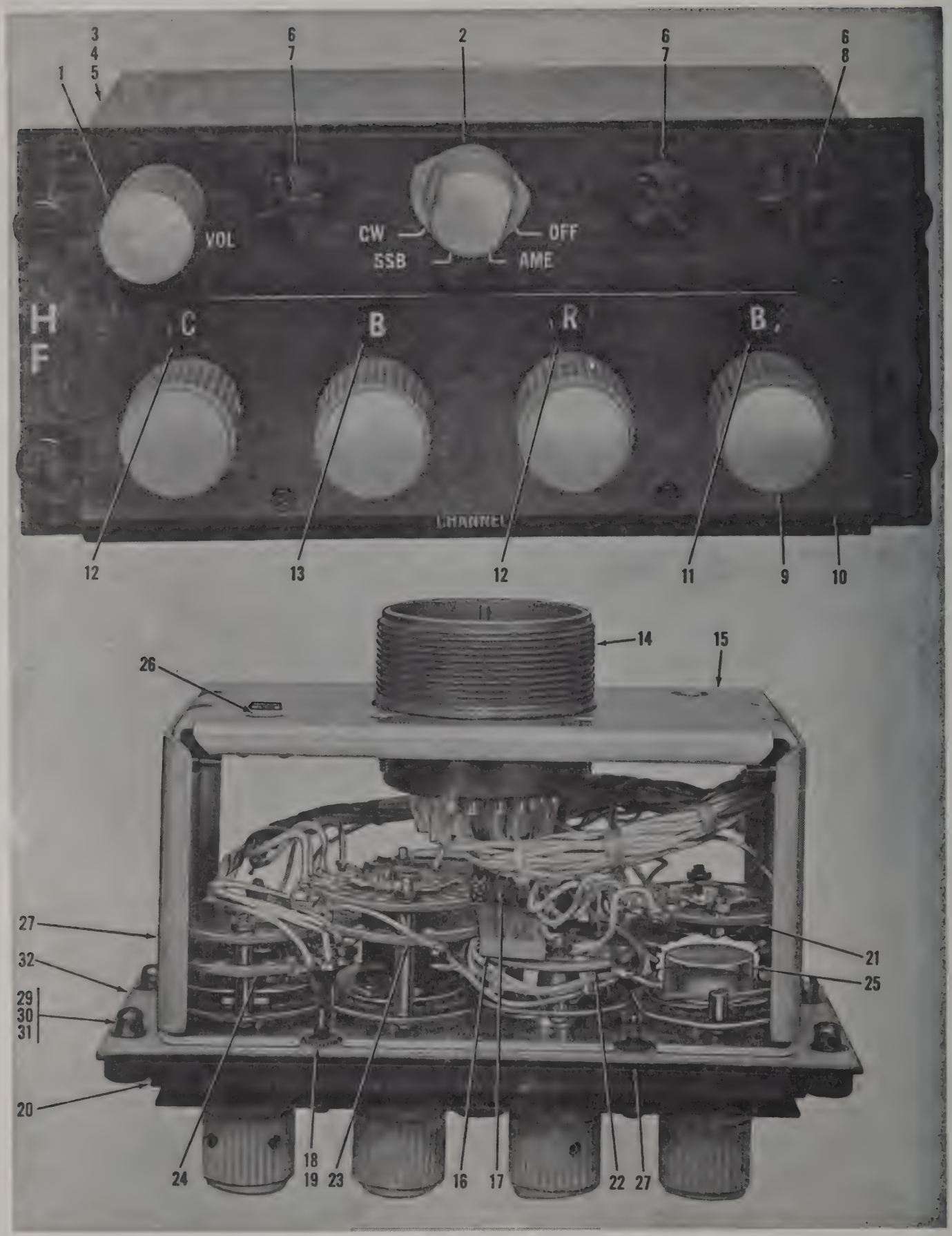


Figure 2. Radio Set Control

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RADIO SET CONTROL (CONT)		
2-17	8724784-501	. PANEL, Control, plastic	1	
-18	8439543-4	. . BUSHING, Threaded	4	
	8724784-502	. . PANEL	1	
-19	8439543-3	. . . BUSHING, Threaded	4	
-20	8724784-5	. . . PANEL	1	
-21	8724799-1	. SWITCH, Rotary, thousands	1	
-22	220785F1	. SWITCH, Rotary, hundreds (76854) RCA Spec Cont Dwg 8745002-1	1	
-23	8745000-1	. SWITCH, Rotary, tens	1	
-24	8745001-1	. SWITCH, Rotary, units	1	
-25	SERIES 65	. RESISTOR, Variable, 10,000 ohms, ±20 percent, 1/2 w (71450) RCA Spec Cont Dwg 8985090-1	1	
		(ATTACHING PARTS)		
	889534-65	. WASHER	1	
	8825429-705	. WASHER, Lock, 1/4 in.	1	
	60560-707	. NUT, Hexagon, 1/4-32	1	
		---*---		
-26	8480999-1	. DECALCOMANIA	1	
-27	8724777-1	. FRAME	1	
	8724774-501	. PLATE, Mounting	1	
-28	RPN2-56SCL	. . NUT, Clinch, self-locking (83324). RCA Spec Cont Dwg 8954809-1	4	
-29	PC3-1/2-8P	. . CUP, Fastener (72794) RCA Spec Cont Dwg 8845354-2.	4	
-30	PS3-1/2-8P	. . SPRING, Fastener (72794) RCA Spec Cont Dwg 8845354-3	4	
-31	PF3-1/2-38-8P	. . STUD, Fastener (72794) RCA Spec Cont Dwg. 8845354-1	4	
-32	8724774-2	. . PLATE	1	
		RECEIVER-TRANSMITTER 618S-1/MC		
3-	8314528-501	RECEIVER-TRANSMITTER, 618S-1/MC	1	
-1	8745044-501	. AMPLIFIER, IF, 618S-1/MC Modification. (For details see figure 4)	1	
-2	8985019-501	. RELAY ASSEMBLY, Modification	1	
	506-6625-006	. . RELAY ASSEMBLY (13499) (GFE). (For details see T. O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	541-6552-003	. . . SHIELD, Electron tube (13499) (GFE)	1	
	0A2	. . . ELECTRON TUBE, Voltage regulator (13499)(GFE).	1	
-3	8314526-501	. CHANNELIZER, 618S-1/MC (For details see fig. 5)	1	
-4	8314527-501	. DISCRIMINATOR (For details see figure 11)	1	
-5	8726763-503	. PANEL SUBASSEMBLY, Front, modification (For details see figure 12)	1	
-6	8982354-501	. TUNER, RF, Modification (For details see fig. 13)	1	C
	8982354-502	. TUNER, RF, Modification (For details see fig. 13).	1	D
-7	8447372-501	. SPRING ASSEMBLY	1	E
	8447372-502	. SPRING ASSEMBLY	1	F
	8489274-501	. SPRING ASSEMBLY	1	G
-8	8985013-501	. AMPLIFIER, AF, Modification (For details see fig. 14).	1	
-9	8610750-502	. SIDETONE GATE, BFO, Module, modification (For details see figure 15)	1	

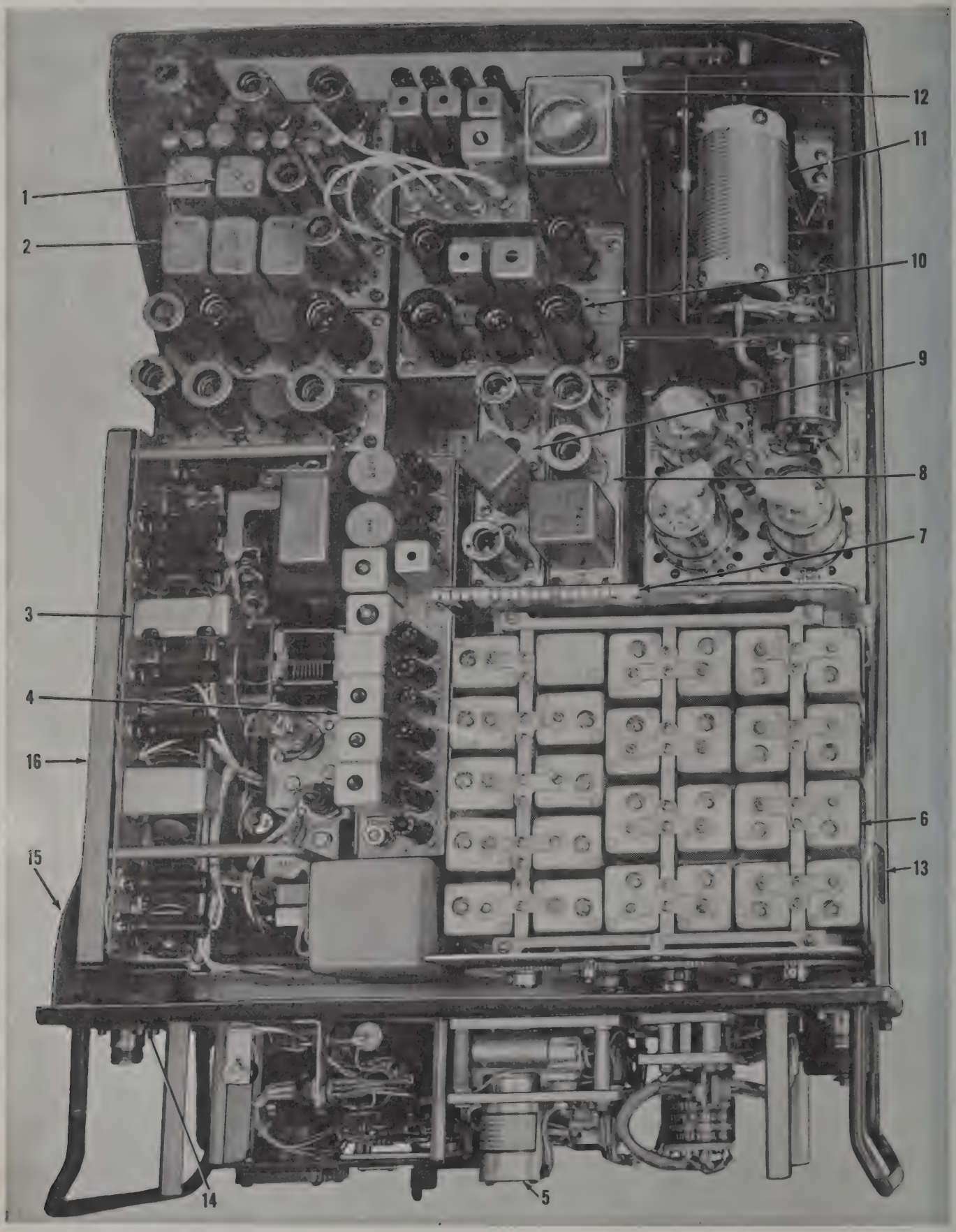


Figure 3. Receiver-Transmitter 618S-1/MC

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RECEIVER-TRANSMITTER 618S-1/MC (CONT)		
3-10	8314509-501	. MODULATOR, Modification (For details see figure 16)	1	
-11	8985012-501	. AMPLIFIER, RF, Modification (for details see figure 18)	1	
-12	8610748-501	. OSCILLATOR, Reference (For details see figure 19)	1	
-13	8481412-1	. LABEL, Modified for SSB	1	
-14	8480998-1	. PLATE, Identification	1	
-15	8314531-501	. CHASSIS, Receiver-transmitter, main, modification (For details see figure 20)	1	
-16	522-0060-006	. RECEIVER-TAANSMITTER, 618S-1A (13499) (GFE) (For details see T. O. 12R2-4-6-4)	1	
	506-5777-005	. . SERVO UNIT, Tuning (GFE) (For details see T. O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	541-6554-003	. . . SHIELD, Electron tube (GFE)	2	
	5685	. . . ELECTRON TUBE (GFE)	1	
	5751	. . . ELECTRON TUBE (GFE)	1	
		MODIFICATION IF AMPLIFIER 618S-1/MC		
4-	8745044	AMPLIFIER, IF, 618S-1/MC Modification (See figure 3 for NHA)	Ref	
	506-6919-006	. AMPLIFIER, IF, 250 KC, top view (13499) (GFE) (For details see T. O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	TS102U02	. . SHIELD, Tube (71785) (GFE)	3	
	TS102U01	. . SHIELD, Tube (71785) (GFE)	2	
	5749	. . ELECTRON TUBE (GFE)	3	
	5726	. . ELECTRON TUBE (GFE)	2	
-1	DM15C500D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip , coated, 5 uuf±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-2	1	
-2	DM15E039J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 39 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-314	1	
-3	DM15F091J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 91 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-323	1	
-4	1N458	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1027)	1	
-5	RC20GF474K	. RESISTOR (MIL-R-11)	1	
-6	RC20GF104K	. RESISTOR (MIL-R-11)	1	
-7	*RC20GF181K	. RESISTOR (MIL-R-11)	1	
	*RC20GF271K	. RESISTOR (MIL-R-11)	1	
	*RC20GF391K	. RESISTOR (MIL-R-11)	1	
	*RC20GF561K	. RESISTOR (MIL-R-11)	1	
	*RC20GF821K	. RESISTOR (MIL-R-11)	1	
-8	GM3449-33 CT-NI	. TERMINAL, Stud, insulated, internal threaded single turret (95076) RCA Spec Cont Dwg 486043-8	2	
-9	526 9130 031	. MECHANICAL FILTER (13499) RCA Spec Cont Dwg 8446099-2	1	
	8724757-503	. CABLE, Coaxial	1	
-10	RG-187/U	. . CABLE, Coaxial, white (MIL-C-17/68)	1	
-11	8466945-1	. . CONNECTOR	1	
-12	8985028-1	. GROMMET	1	
-13	79534-6	. TERMINAL, Eye type	1	

*Select by test

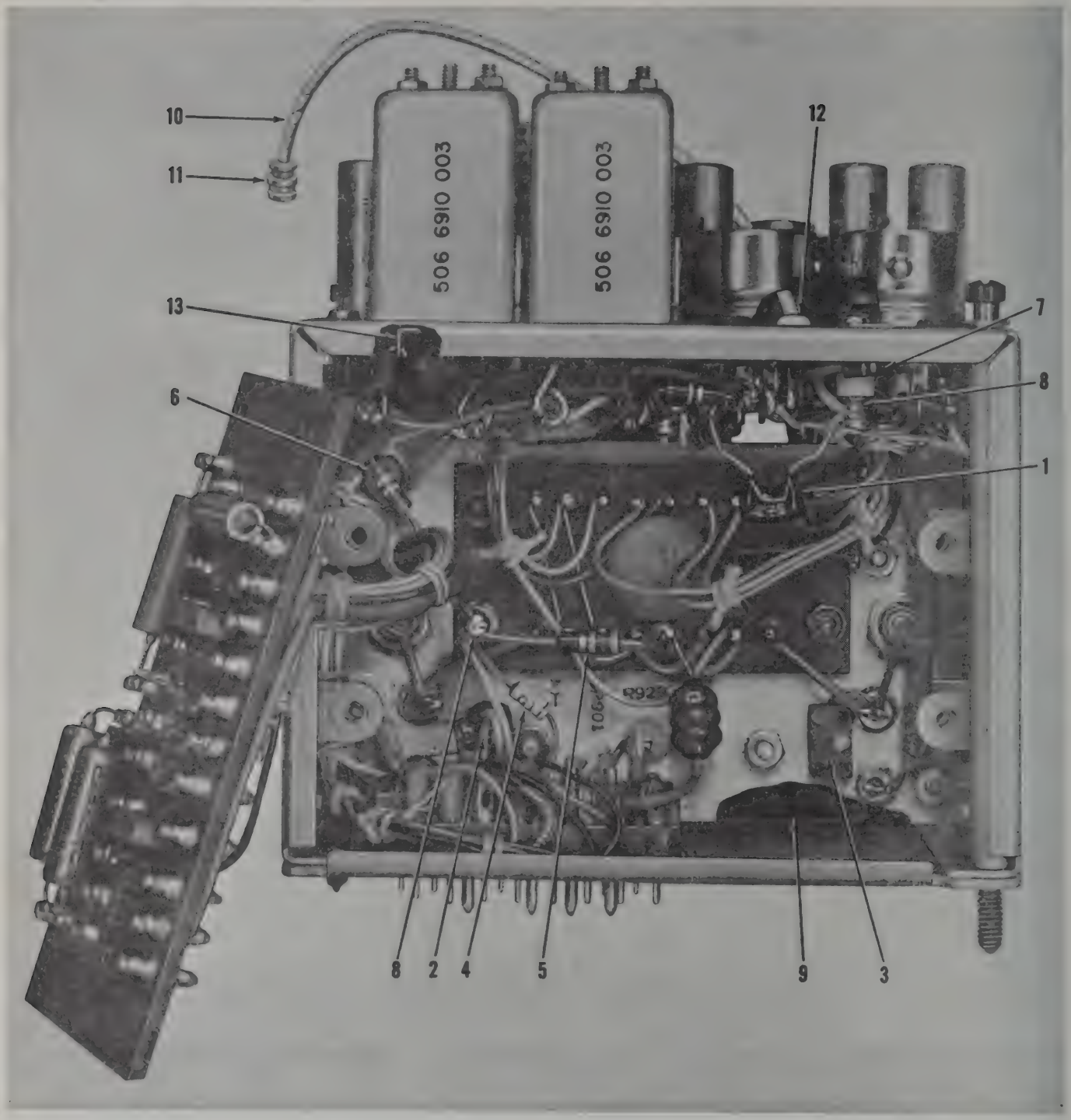


Figure 4. Modification IF Amplifier 618S-1/MC

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC		
5-	8314526-501	CHANNELIZER, 618S-1/MC (See figure 3 for NHA) . . .	Ref	
-1	13G24300	. SHIELD, Electron tube, sub-miniature, with. . . . . insert (71785) RCA Spec Cont Dwg 8410773-1	8	
-2	JAN5636	. ELECTRON TUBE, Sub-miniature (MIL-E-1/168). . .	5	
-3	JAN5840	. ELECTRON TUBE, Sub-miniature (MIL-E-1/140). . .	3	
-4	8849825-1	. RETAINER, Tube	1	
-5	8889367-1	. TUBE HOLDER	1	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	4	
	MS35337-40	. WASHER	4	
	MS35649-42	. NUT	4	
	67592-124	. TERMINAL, Lug	1	
		---*---		
-6	JANOB2	. ELECTRON TUBE, Voltage regulator (MIL-E-1/18) . .	1	
-7	8985120-1	. RELAY, Thermal time delay	1	
-8	8888568-1	. SOCKET, Tube, 7 pin miniature	1	
-9	737870-10	. SOCKET, Tube, 9 pin miniature	1	
-10	M9S-LRN	. CONNECTOR, 9 pin (80035) RCA Spec Cont Dwg . . . 737859-4	1	
-11	RW29V122	. RESISTOR (MIL-R-26)	1	K
-12	RW29V102	. RESISTOR (MIL-R-26)	1	K
		(ATTACHING PARTS)		
	MS35233-54	. SCREW	2	K
	MS15795-207	. WASHER	4	K
	NAS549L8	. WASHER	2	K
	MS35337-42	. WASHER	2	K
	MS35649-82	. NUT	2	K
		---*---		
-13	RW31V312	. RESISTOR (MIL-R-26)	1	K
		(ATTACHING PARTS)		
	MS35223-53	. SCREW	1	K
	MS15795-207	. WASHER	2	K
	NAS549L8	. WASHER	1	K
	MS35337-42	. WASHER	1	K
	MS35649-82	. NUT	1	K
		---*---		
-14	8614292-1	. SHELF, Components	1	
		(ATTACHING PARTS)		
	8924492-707	. SCREW, Machine, flat hd No. 6-32	4	
	MS35335-30	. WASHER	4	
	MS35649-62	. NUT	4	
		---*---		
-15	CE61C100N	. CAPACITOR, Fixed, electrolytic, 10 uf, 300 vdcw . . (MIL-C-62)	1	
		(ATTACHING PARTS)		
	8924492-707	. SCREW, Machine, flat hd, No. 6-32	2	
	MS35337-41	. WASHER	2	
	MS35649-62	. NUT	2	
		---*---		
-16	126-807	. CONNECTOR, Electrical, 20 contacts (02660) . . . . RCA Spec Cont Dwg 8707963-6)	1	
		(ATTACHING PARTS)		
	MS35223-18	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER, Flat, No. 4	2	
		---*---		

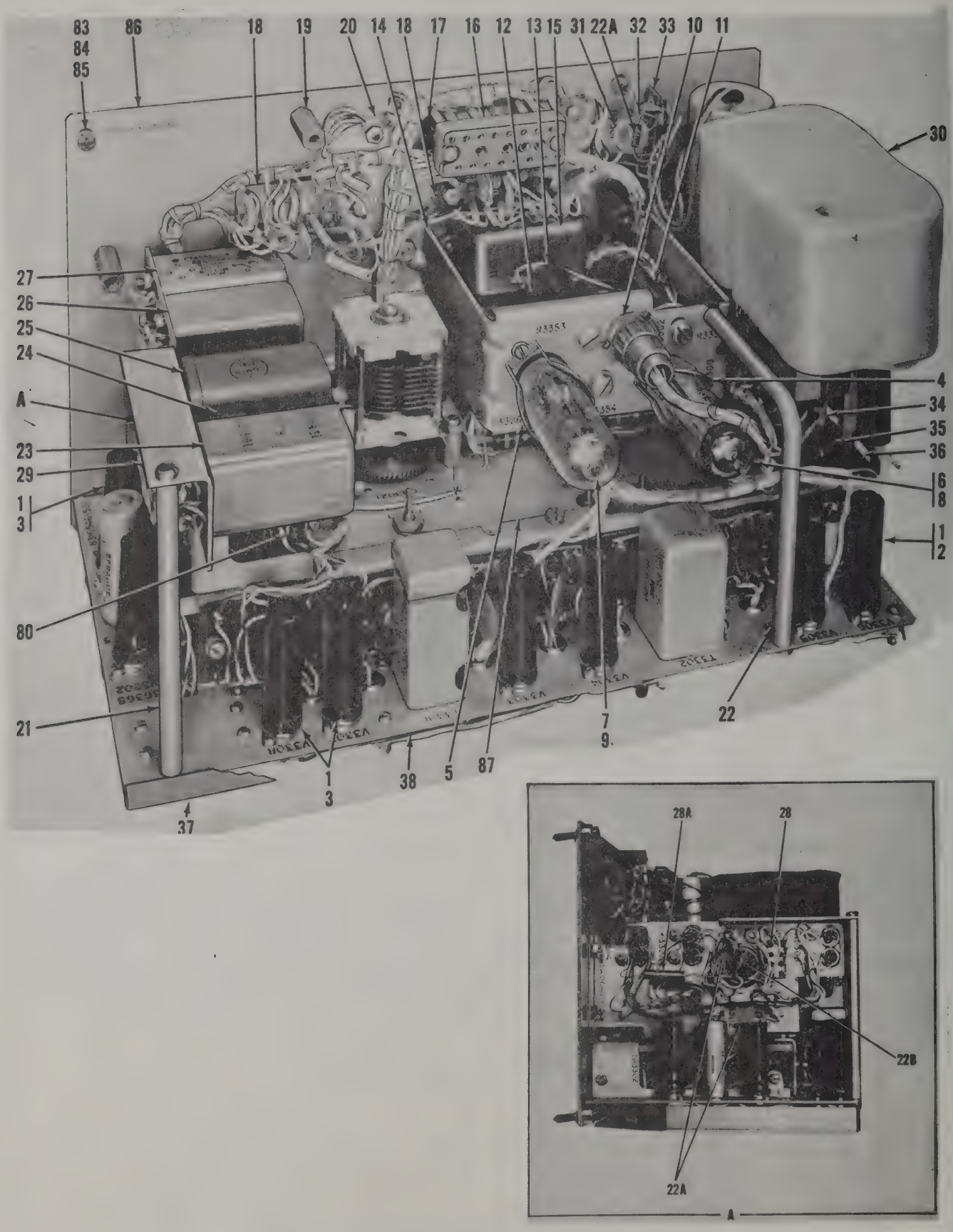


Figure 5. Channelizer 618S-1/MC (Sheet 1 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC (CONT)		
5-17	8466939-1	. SPACER, Connector	2	
		(ATTACHING PARTS)		
	8977970-709	. SCREW, Machine, flat hd No. 4-40	2	
		---*---		
-18	126-806	. CONNECTOR, Electrical, 20 contacts (02660) RCA Spec Cont Dwg 8707963-5	2	
		(ATTACHING PARTS)		
	MS35223-18	. SCREW	4	
	845116-113	. WASHER, Flat, No. 4	4	
	MS35337-40	. WASHER	4	
	MS35649-42	. NUT	4	
		---*---		
-19	8466933-1	. SPACER, Hold down	3	
		(ATTACHING PARTS)		
	8924492-707	. SCREW, Machine, flat hd, No. 6-32	3	
		---*---		
-20	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Dwg 67592-114.	4	
		(ATTACHING PARTS)		
	8924490-707	. SCREW, Machine, flat hd, No. 4-40	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-21	8466990-1	. HANDLE	1	
-22	8466990-2	. HANDLE	1	
		(ATTACHING PARTS)		
	MS35223-27	. SCREW	4	
	MS35337-41	. WASHER	4	
		---*---		
-22A	JAN1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1026)	3	
-22B	1N645	. SEMICONDUCTOR DEVICE, Diode	1	L
	8745016-501	. RELAY ASSEMBLY, Bracket.	1	
		(ATTACHING PARTS)		
	8924492-707	. SCREW, Machine, flat hd, No. 6-32	2	
	MS35337-41	. WASHER	2	
	MS35649-62	. NUT	2	
	MS35223-28	. SCREW	1	
	MS35337-41	. WASHER	1	
		---*---		
-23	226AA100A	. . RELAY, Armature (44038) RCA Spec Cont Dwg 743980-18	1	
		(ATTACHING PARTS)		
	MS35337-40	. . WASHER	2	
	MS35649-42	. . NUT	2	
		---*---		
-24	RP9026G2	. . RELAY, General purpose (71482) RCA Spec Cont Dwg 8950167-1	1	
		(ATTACHING PARTS)		
	MS35223-2	. . SCREW	2	
	MS35337-39	. . WASHER	2	
	MS35649-22	. . NUT	2	
		---*---		
-25	629482-8	. . RELAY, Armature.	1	
		(ATTACHING PARTS)		
	MS35337-41	. . SCREW	3	
	MS15795-206	. . WASHER	1	
	2104-6	. . TERMINAL, Lug (78189) RCA Spec Cont Dwg 99061-5	1	
		---*---		

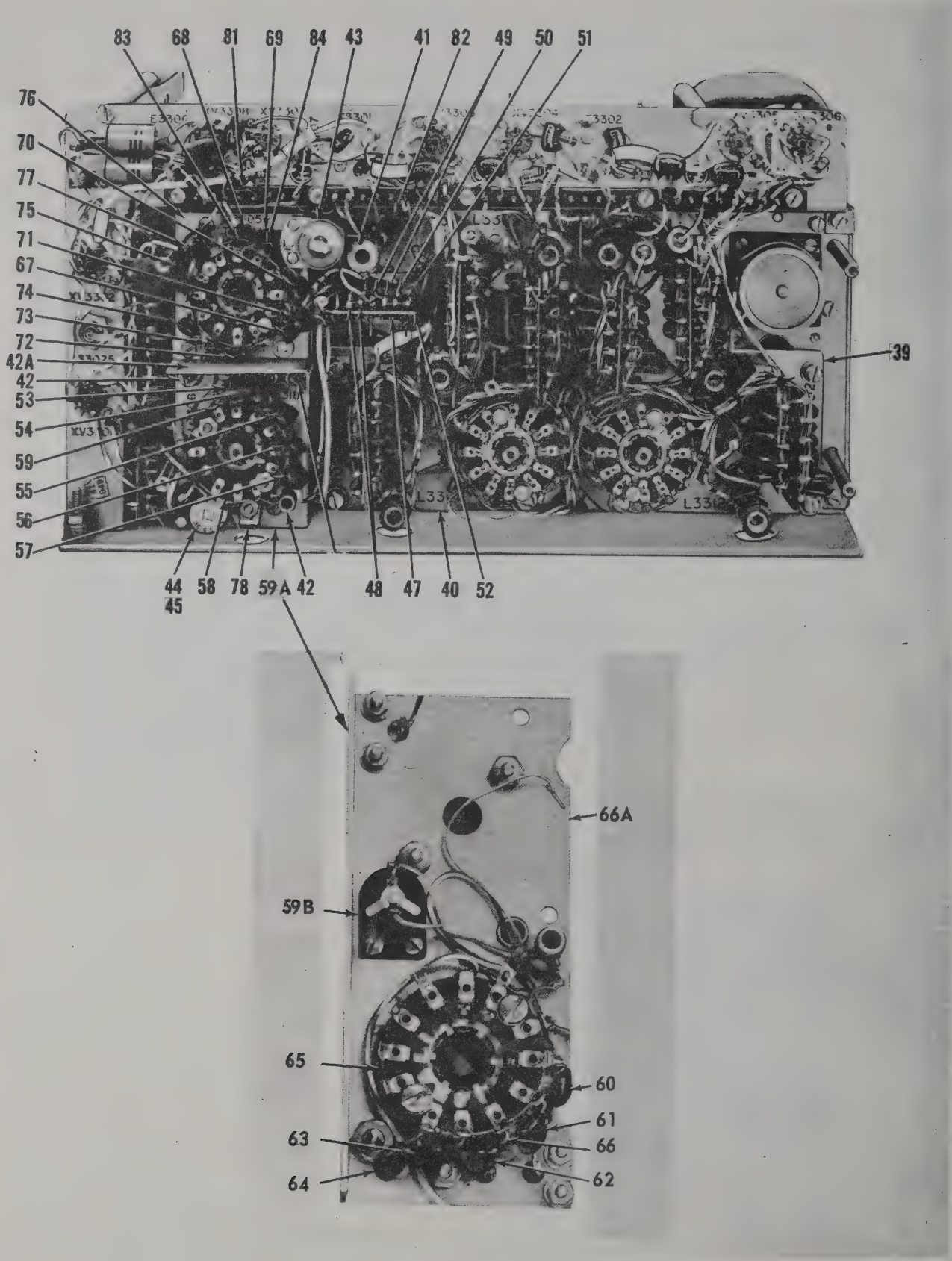


Figure 5. Channelizer 618S-1/MC (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC (CONT)		
5-26	743980-19	. . RELAY, Armature (44038) RCA Spec Cont Dwg 743980-19	1	
-27	743980-14	. . RELAY, Armature (44038) RCA Spec Cont Dwg 743980-14	1	
		(ATTACHING PARTS)		
	MS35337-40	. . WASHER	4	
	MS35649-42	. . NUT	4	
		---*---		
-28	ST-SM1	. . TERMINAL, Insulated (98291) RCA Spec Cont Dwg 471924-2	2	
-28A	SMB423813	CAPACITOR, fixed, Plastic dielectric, 0.1 uf, ±10 percent, 100 vdcw	1	
-29	8614291-501	. . BRACKET, Relay	1	
-30	8610755-501	. OSCILLATOR, Dual crystal (For details see figure 6)	1	
		(ATTACHING PARTS)		
	MS35223-16	. SCREW	3	
	MS35337-40	. WASHER	3	
		---*---		
-31	449696-5	. CAPACITOR, Disc, ceramic, 0.01 uf, 450 v	1	
-32	RC42GF101K	. RESISTOR (MIL-R-11)	1	F
	RC42GF470K	. RESISTOR (MIL-R-11)	1	G
-33	897194-2	. TERMINAL BOARD, 4 position, tie point type	1	
		(ATTACHING PARTS)		
	8924490-707	. SCREW, Machine, flat hd, No. 4-40	1	
	MS35337-40	. WASHER	1	
	MS35649-42	. NUT	1	
		---*---		
-34	8488739-501	. SHAFT ASSEMBLY	1	
		---*---		
-35	220781F	. SWITCH, Rotary, section of tens, units control. (76854) RCA Spec Cont Dwg 8469674-1	1	
		(ATTACHING PARTS)		
	MS35223-19	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER, Flat, No. 4	2	
	8893977-10	. WASHER, Flat, insulating, No. 4	2	
	8469667-1	. SPACER, Insulating	2	
	8469667-6	. SPACER, Insulating	2	C
		---*---		
-36	8745022-501	. STIFFENER, Plate	1	
		(ATTACHING PARTS)		
	8924490-707	. SCREW, Machine, flat hd, No. 4-40	3	
	MS35223-14	. SCREW	1	
	MS35337-40	. WASHER	1	
	845116-133	. WASHER, Flat, No. 4	1	
		---*---		
	RPN4-40SCL	. . NUT, Clinch, self-locking (83324) RCA Spec Cont Dwg 8954809-3	3	
	8745022-2	. . STIFFENER, Plate	1	
-37	8614821-1	. COVER, Channelizer	1	
		(ATTACHING PARTS)		
	MS35223-4	. SCREW	5	
	MS35337-39	. WASHER	5	
		---*---		
-38	8614801-501	. AMPLIFIER, Filter (For details see figure 7)	1	
		(ATTACHING PARTS)		
	MS35223-27	. SCREW	5	
	MS35337-41	. WASHER	5	
		---*---		

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC (CONT)		
5-39	8745036-501	. COMPONENT ASSEMBLY, Electrical, rh . . . . . (For details see figure 8)		
-40	8745037-501	. COMPONENT ASSEMBLY, Electrical, lh . . . . . (For details see figure 9)	1	
		(ATTACHING PARTS)		
	MS35223-29	. SCREW	10	
	MS15795-205	. WASHER	10	
	MS35337-41	. WASHER	10	
		---*---		
-41	8447883-502	. COIL, RF	1	
-42	8447883-501	. COIL, RF	2	
		(ATTACHING PARTS)		
	MS35333-90	. WASHER	3	
	MS25082-3	. NUT	3	
-42A	8748048-1	. SHIELD		
		(ATTACHING PARTS)		
	MS35223-13	. SCREW		
	MS35337-40	. WASHER		
		---*---		
-43	CV11B200	. CAPACITOR (MIL-C-81)	1	
-44	460918-1	. CAPACITOR, Variable, 5-30 uuf	1	
		(ATTACHING PARTS)		
	MS35223-6	. SCREW	4	
	MS15795-202	. WASHER	4	
	MS35337-39	. WASHER	4	
-45	99161-6	. WASHER	2	D
	MS35649-22	. NUT	4	
		--*---		
-46	DELETED			
		---*---		
-47	RC07GF474K	. RESISTOR (MIL-R-11)	1	
-48	RC07GF104K	. RESISTOR (MIL-R-11)	2	
-49	V15	. CAPACITOR, Variable, voltage, type V15 . . . . . (01281) RCA Spec Cont Dwg 8466914-2	2	
-50	RC07GF103K	. RESISTOR	1	
-51	449696-5	. CAPACITOR, Disc ceramic, high K, 0-01 uf, ... 450 vdcw	1	
-52	8469624-501	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	2	
	MS35337-40	. WASHER	2	
	67592-124	. TERMINAL, Lug	2	
		---*---		
-53	DM15E022J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 22 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-8	1	
-54	DM15E039G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 39 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-214	1	
-55	DM15F062G 500VDCW	. CAPACITOR, Fixed mica dielectric, dip coated, . . . 62 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-219	1	
-56	DM15F100G 500VDCW	. CAPACITOR, Fixed mica dielectric, dip coated, . . . 100 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-224	1	
-57	DM15F160G 500VDCW	. CAPACITOR, Fixed mica dielectric, dip . . . . . coated, 160 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-229	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC (CONT)		
5-58	TYPE F WAFER	. BOARD, Terminal (76854) RCA Spec Cont Dwg 8480914-1	1	
		(ATTACHING PARTS)		
	990314-723	. SCREW, Machine, pan hd, No. 4-40	2	
	8893977-10	. WASHER, Flat, insulating, No. 4	8	
	8469667-6	. SPACER, Insulating	4	E
	8469667-5	. SPACER, Insulating	6	
	8469667-4	. SPACER, Insulating	2	
	845116-133	. WASHER, Flat, No. 4	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-59	220776F	. SWITCH, Rotary, section of harmonic generator (76854) RCA Spec Cont Dwg 8469675-1	1	
-59A	8314526-502	. MEGACYCLE SWITCHING ASSEMBLY	1	
-59B	460918-4	. . CAPACITOR, Variable, 5-30 uuf	1	
		(ATTACHING PARTS)		
	MS35223-7	. . SCREW	2	
	MS35337-39	. . WASHER	2	
	MS35649-22	. . NUT	2	
-60	DM15F160G 500VDCW	. . CAPACITOR, Fixed, mica dielectric, dip coated, 160 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-229	1	
-61	DM15F100G 500 VDCW	. . CAPACITOR, Fixed, mica dielectric, dip coated, 100 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-224	1	
-62	DM15F062G 500VDCW	. . CAPACITOR, Fixed, mica dielectric, dip coated, 62 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-219	1	
-63	DM15F039G 500VDCW	. . CAPACITOR, Fixed, mica dielectric, dip coated, 39 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-214	1	
-64	DM15E022D 500VDCW	. . CAPACITOR, Fixed, mica dielectric, dip coated, 22 uuf, ±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-8	1	
-65	8469683-1	. . BOARD, Terminal	1	
-66	220779F	. . SWITCH, Rotary, section of harmonic generator amplifier (76854) RCA Spec Cont Dwg 8469672-1	1	
-66A	8724793-501	. . SHELF, Mounting	1	
		(ATTACHING PARTS)		
	MS35223-13	. . SCREW	4	
	MS35337-40	. . WASHER	4	
-67	DM15C10D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 10 uuf, ±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-3	2	
-68	DM15E030G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 30 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-211	1	
-69	RC07GF392K	. RESISTOR (MIL-R-11)	1	
-70	DM15F068G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 68 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-220	1	
-71	DM15F130G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 130 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-227	1	
-72	DM15E024D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 24 uuf, ±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-9	1	H

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER 618S-1/MC (CONT)		
	DM15E022D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 22 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-8	1	J
5-73	DM15F075G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 75 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-221	1	
-74	DM15F180G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 180 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-230	1	
-75	DM15F220G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 220 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-232	1	
-76	8469683-1	. BOARD, Terminal . . . . . (ATTACHING PARTS)	1	
	MS35223-19	. SCREW	2	
	8893977-10	. WASHER, Flat, insulating, No. 4	4	
	8469667-6	. SPACER, Insulating	2	C
	8469667-5	. SPACER, Insulating	2	
	8469667-4	. SPACER, Insulating	2	
	845116-133	. WASHER, Flat, No. 4	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT . . . . . ---*---	2	
-77	220780F	. SWITCH, Rotary, section of controlled master . . . oscillator (76854) RCA Spec Cont Dwg 8469673-1	1	
-78	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114 (ATTACHING PARTS)	1	
	MS35223-13	. SCREW	1	
	MS35337-40	. WASHER	1	
	MS35649-42	. NUT . . . . . ---*---	1	
-79	DELETED	---*---		
-80	220781F	. SWITCH, Rotary, section of ten units (76854) . . . . RCA Spec Cont Dwg 8469674-1 (ATTACHING PARTS)	1	
	MS35223-19	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER, Flat, No. 4	2	
	8469667-6	. SPACER, Insulating	2	C
	8469667-1	. SPACER, Insulating . . . . . ---*---	2	
-81	DM15F180G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 180 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-230	1	
-82	449696-5	. CAPACITOR, Disc ceramic, high K	1	
-83	DM15F470J 300VDCW	. CAPACITOR, Fixed mica dielectric, dip . . . . . coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8914319-449	1	
-84	DM15E008D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 8 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-308	1	
-85	8985037-2	. SCREW, Captive, No. 8-32	3	
-86	MS35337-42	. WASHER	3	
-87	WA510	. RING, Retaining (76665) RCA Spec Cont . . . . . Dwg 8985038-1	3	
-88	8614299-501	. PLATE, Base . . . . . (ATTACHING PARTS)	1	
	8977971-711	. SCREW, Machine, Flat hd, No. 6-32 . . . . . ---*---	5	
-89	8314561-501	. DRIVE MECHANISM, Channelizer (For details see fig. 10).	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DUAL CRYSTAL OSCILLATOR		
6-	8610755-501	OSCILLATOR, Dual control (See figure 5 for NHA) . . .	Ref	
-1	13G24300	. SHIELD, Electron tube, subminiature . . . . . (71785) RCA Spec Cont Dwg 8410773-1	1	
-2	JAN6021-S	. ELECTRON TUBE, Subminiature (MIL-E-1/188) . .	1	
-3	RP9026G3	. RELAY, General purpose (71482) RCA . . . . . Spec Cont Dwg 8950167-2	2	
		(ATTACHING PARTS)		
	MS35223-5	. SCREW	4	
	MS35337-39	. WASHER	4	
	MS35649-22	. NUT	4	
		---*---		
-3A	8481465-1	. SPACER	2	
-4	M9P-LSH19	. CONNECTOR, Electrical, 9 pins (80035) . . . . . RCA Spec Cont Dwg 737859-11	1	
-5	USN 1N3029B	. SEMICONDUCTOR DEVICE, Diode . . . . . (MIL-S-19500/115)	1	
-6	RC07GF102K	. RESISTOR (MIL-R-11)	2	
-7	RC07GF681K	. RESISTOR (MIL-R-11)	1	
-8	RC07GF331K	. RESISTOR (MIL-R-11)	11	
-9	RC07GF181K	. RESISTOR (MIL-R-11)	6	
-10	RC07GF820K	. RESISTOR (MIL-R-11)	4	
-11	RC07GF561	. RESISTOR (MIL-R-11)	1	
	8466940-501	. TERMINAL BOARD	1	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	2	
	MS35337-39	. WASHER	2	
	MS35649-22	. NUT	2	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont . . . . . Dwg 823061-5	3	
		---*---		
-12	8830314-102	. . TERMINAL	6	
-13	8830314-111	. . TERMINAL	24	
-14	8466940-2	. . TERMINAL BOARD	NP	
-15	8985075-1	. POST, Mounting	3	
		(ATTACHING PARTS)		
	8893977-10	. WASHER, Flat, insulating, No. 4	3	
		---*---		
-16	GM3550-1CT-NI	. TERMINAL, Stud, insulated, threaded . . . . . (95076) RCA Spec Cont Dwg 486039-4	1	
		(ATTACHING PARTS)		
	486039-4	. STUD, Terminal	1	
	MS35649-22	. NUT	1	
	MS35337-39	. WASHER	1	
		---*---		
-17	8410608	. SOCKET, Tube, sub-miniature, 8-pin	1	
		(ATTACHING PARTS)		
	MS35223-2	. SCREW	2	
	MS35337-39	. WASHER	2	
	8820650-2	. NUT, Strap	1	
		---*---		
	8724794-501	. PLATE, Base, oscillator dual crystal	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	3	
	MS35337-40	. WASHER	1	
		---*---		
-18	8530409-1	. . GROMMET	1	

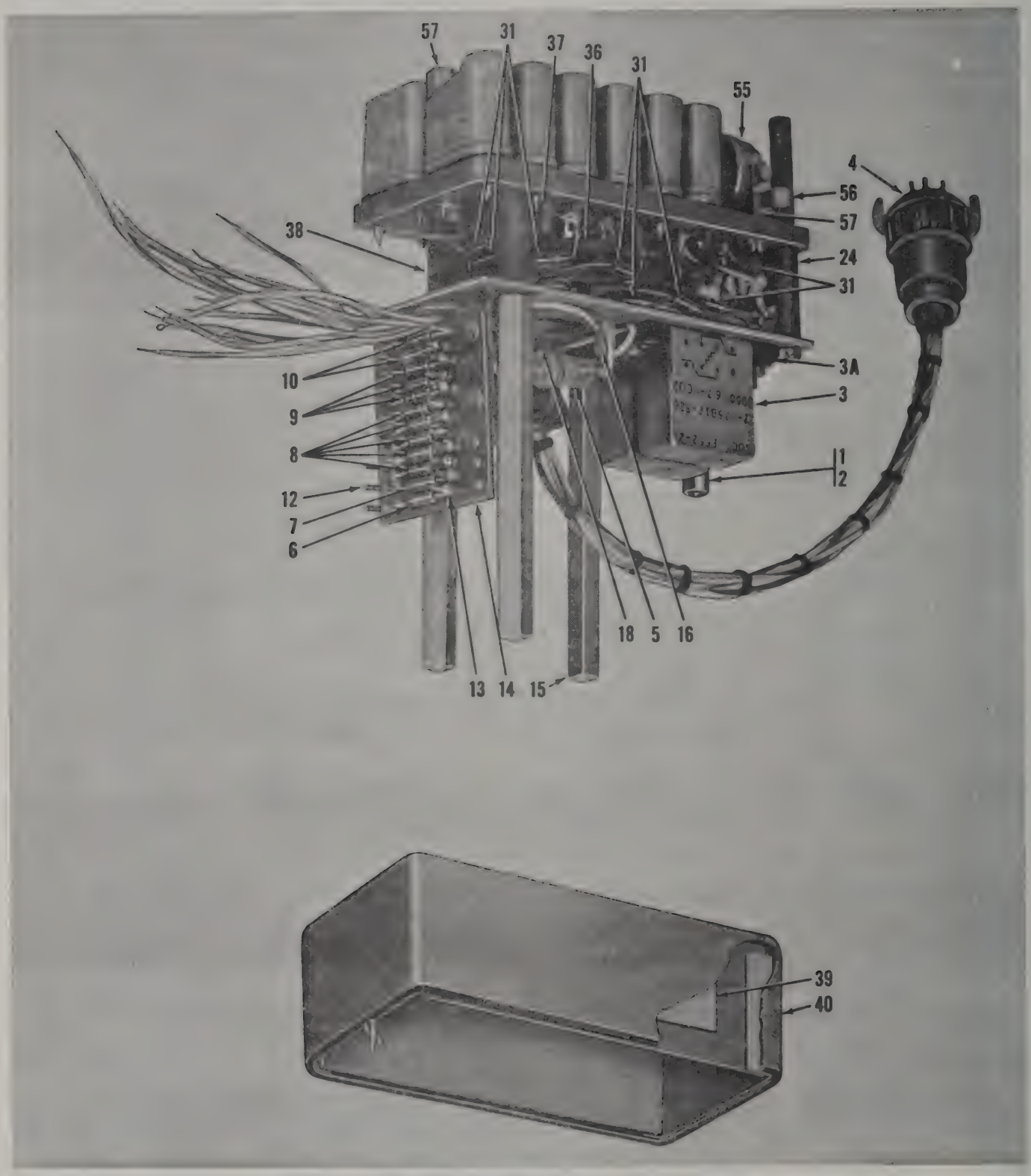


Figure 6. Dual Crystal Oscillator (Sheet 1 of 3)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DUAL CRYSTAL OSCILLATOR (CONT)		
6-19	RST-SM-I-L2	. . TERMINAL, Standoff, reverse subminiature . . (98291) RCA Spec Cont Dwg 480329-112	1	
-20	FT-SM14	. . TERMINAL, Feedthru (98291) RCA Spec . . . . Cont Dwg 480327-111	4	
-21	FT-SM1	. . TERMINAL, Insulated (98291) RCA Spec . . . . Cont Dwg 471924-1	2	
-22	8954853-113	. . EYELET	1	
-23	8724794-2	. . PLATE	1	
-24	8985077-1	. POST, Mounting, oven, oscillator	3	
-25	RC07GF105K	. RESISTOR (MIL-R-11)	2	
-26	RC07GF472K	. RESISTOR (MIL-R-11)	1	
-27	*DM15C004M 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 4 uuf, ±20 percent, 500 vdcw (72136) RCA Spec Control Dwg 8914319-454	2	
	*DM15C005M 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 5 uuf, ±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-2	2	
	*DM15C006J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 6 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-351	2	
-28	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	4	
-29	DM15F820G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 820 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8914319-346	2	
-30	RC07GF563K	. RESISTOR (MIL-R-11)	1	
-31	RC07GF105K	. RESISTOR (MIL-R-11)	18	
-32	V15	. DIODE (02181) RCA Spec Cont Dwg 8466914-2. . . . 25 vdcw (02181) RCA Spec Cont Dwg 8466914-2	4 4	
-33	RC07GF103K	. RESISTOR (MIL-R-11)	1	
-34	8945696-4	. CAPACITOR, Fixed ceramic, 0.01 uf, ±20 . . . . percent, 50 vdcw	1	
-35	459691-2	. CAPACITOR, Ceramic, hi-K, plate type, ... 0.01 uf, +100 -20 percent, 150 vdcw	1	
-36	220778F	. SWITCH, Rotary, section of crystal selector . . . (76854) RCA Spec Cont Dwg 8469671-1	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	8893977-10	. WASHER	2	
		---*---		
-37	8985035-1	. SPACER, Wafer, switch oscillator	2	
		(ATTACHING PARTS)		
	MS35239-20	. SCREW	2	
		---*---		
-38	8985077-1	. POST, Mounting, crystal board, oscillator	1	
		(ATTACHING PARTS)		
	MS35239-22	. SCREW	1	
		---*---		
	8724795-501	. OVEN, Oscillator, dual crystal	1	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	2	
	MS35337-39	. WASHER	2	
		---*---		
-39	8445923-4	. . ELEMENT, Heating.	3	
-40	8466988-1	. . OVEN, Oscillator dual crystal.	1	
-41	8982273-31	. CRYSTAL, Frequency, 200.00 kc	1	

* Select by test

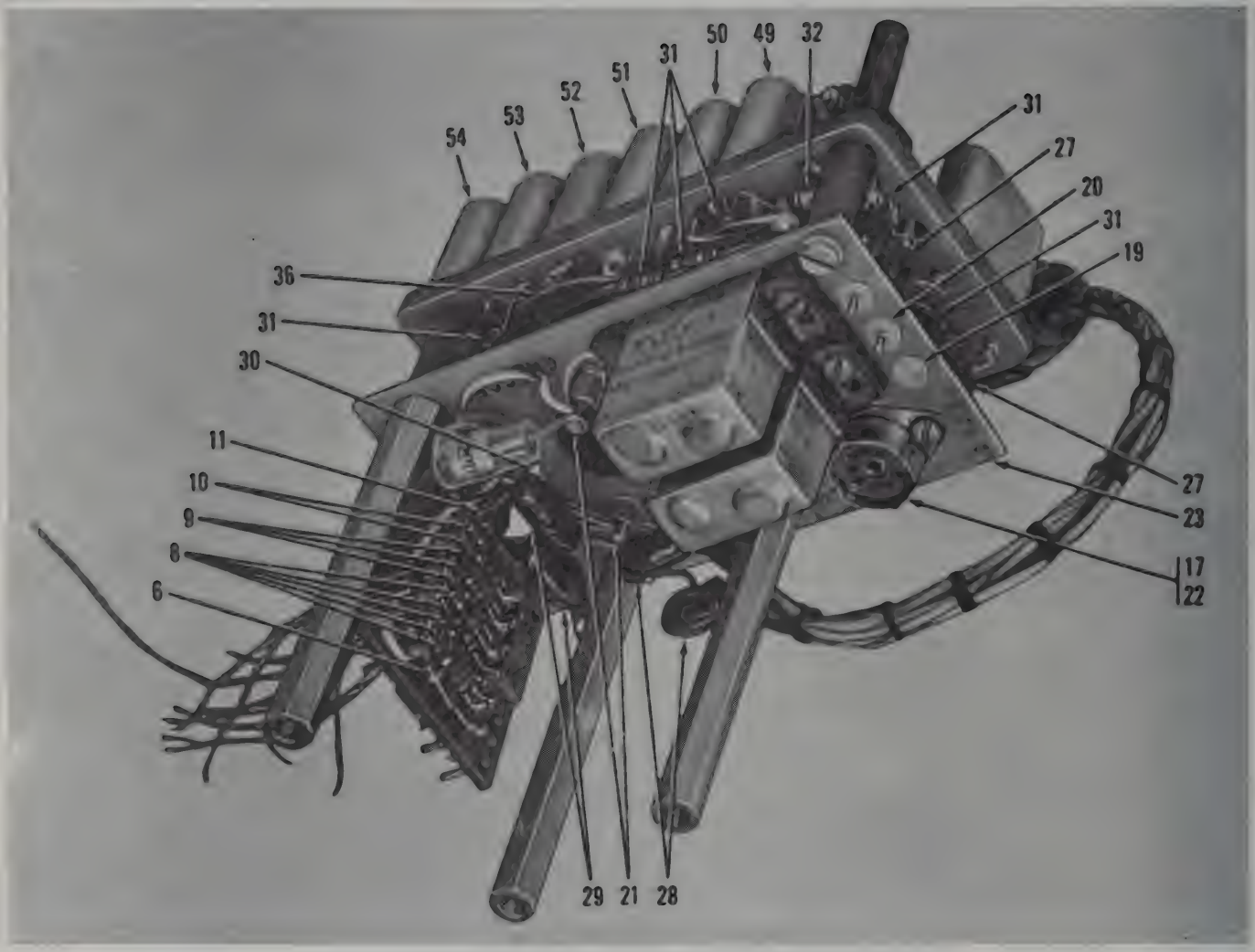


Figure 6. Dual Crystal Oscillator (Sheet 2 of 3)

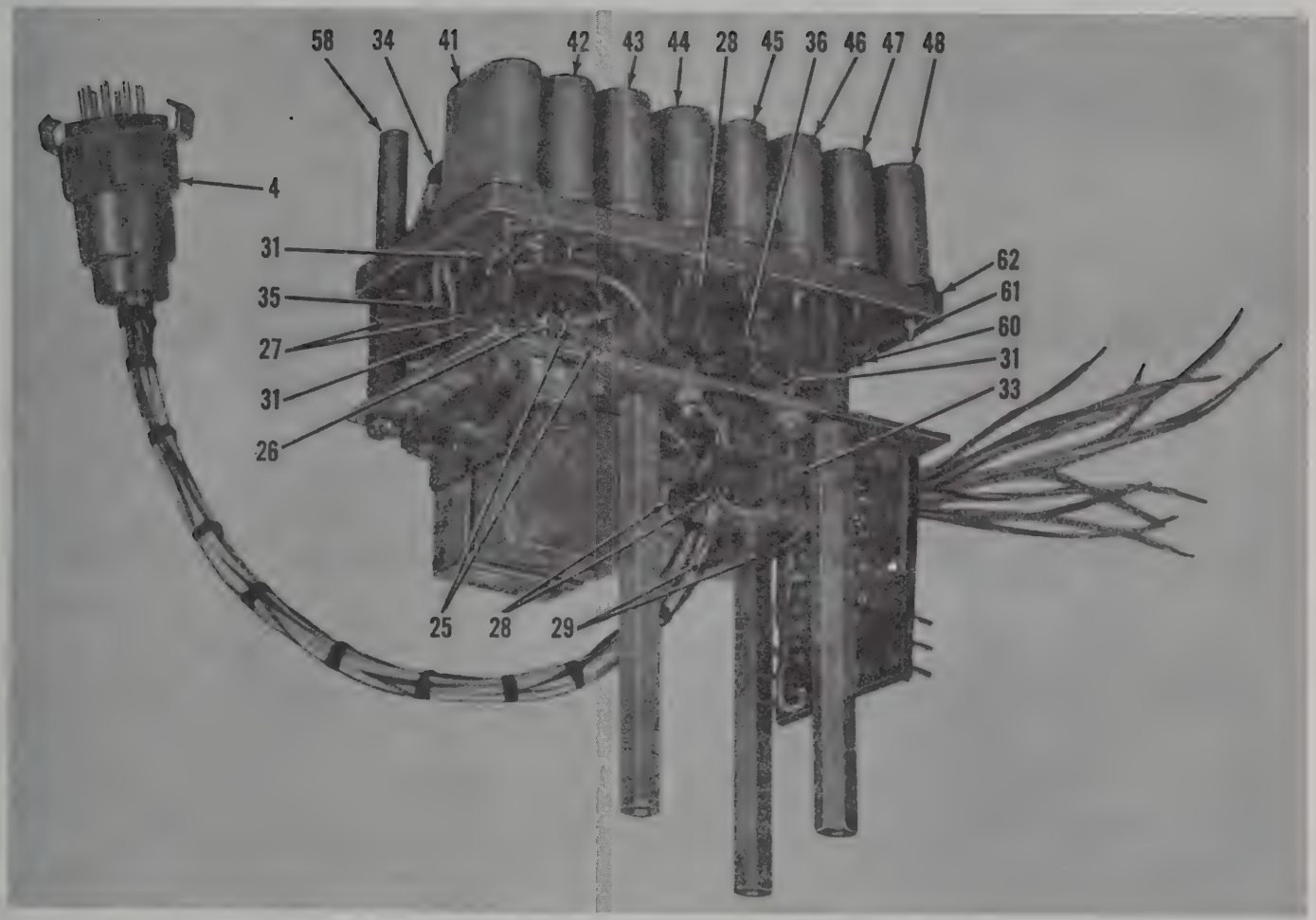


Figure 6. Dual Crystal Oscillator (Sheet 3 of 3)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DUAL CRYSTAL OSCILLATOR (CONT)		
6-42	8982273-32	. CRYSTAL, Frequency, 200.25 kc	1	
-43	8982273-33	. CRYSTAL, Frequency, 200.50 kc	1	
-44	8982273-34	. CRYSTAL, Frequency, 200.75 kc	1	
-45	8982273-35	. CRYSTAL, Frequency, 330.00 kc	1	
-46	8982273-36	. CRYSTAL, Frequency, 331.00 kc	1	
-47	8982273-37	. CRYSTAL, Frequency, 332.00 kc	1	
-48	8982273-38	. CRYSTAL, Frequency, 333.00 kc	1	
-49	8982273-39	. CRYSTAL, Frequency, 334.00 kc	1	
-50	8982273-40	. CRYSTAL, Frequency, 335.00 kc	1	
-51	8982273-41	. CRYSTAL, Frequency, 336.00 kc	1	
-52	8982273-42	. CRYSTAL, Frequency, 337.00 kc	1	
-53	8982273-43	. CRYSTAL, Frequency, 338.00 kc	1	
-54	8982273-44	. CRYSTAL, Frequency, 339.00 kc	1	
-55	MX162	. THERMOSTAT (93410) RCA Spec Cont Dwg 8970982-2	1	
-56	8481404-1	. STRAP	1	
-57	8446477-1	. BRACKET, Thermostat	1	
		(ATTACHING PARTS)		
	MS35223-4	. SCREW	2	
	MS15795-202	. WASHER	2	
	MS35337-39	. WASHER	2	
	MS35649-22	. NUT	2	
		---*---		
-58	8985036-2	. POST, Mounting, oven oscillator	1	
-59	898503[illegible]-1	. POST, Mounting, oven oscillator	1	
		(ATTACHING PARTS)		
	MS35223-39	. SCREW	1	
	MS35337-39	. WASHER	1	
	MS15795-202	. WASHER	1	
		---*---		
	8724797-501	. BOARD, Crystal, oscillator, dual crystal	1	
-60	8830314-112	. . TERMINAL	8	
-61	8865914-6	. EYELET	28	
-62	8724797-2	. . BOARD, Crystal	1	
		FILTER AMPLIFIER		
7-	8614801-501	AMPLIFIER, Filter (See figure 5 for NHA)	Ref	
-1	DM20F472J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 4700 uuf ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8924416-325	1	
-2	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdce	11	
-3	RC20GF272K	. RESISTOR (MIL-R-11)	1	
-4	RC20GF683K	. RESISTOR (MIL-R-11)	3	
-5	RC20GF472K	. RESISTOR (MIL-R-11)	4	
-6	RC07GF105K	. RESISTOR (MIL-R-11)	7	
-7	1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1026).	5	
-7A	1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1026).	2	P
-7B	RC20GF472K	. RESISTOR (MIL-R-11)	1	K
	RC07GF223K	. RESISTOR (MIL-R-11)	1	L
-8	RC07GF181K	. RESISTOR (MIL-R-11)	2	
-9	RC20GF822K	. RESISTOR (MIL-R-11)	1	
-10	RC07GF563K	. RESISTOR (MIL-R-11)	2	
-11	RC07GF333K	. RESISTOR (MIL-R-11)	3	
-12	RC20GF153K	. RESISTOR (MIL-R-11)	1	

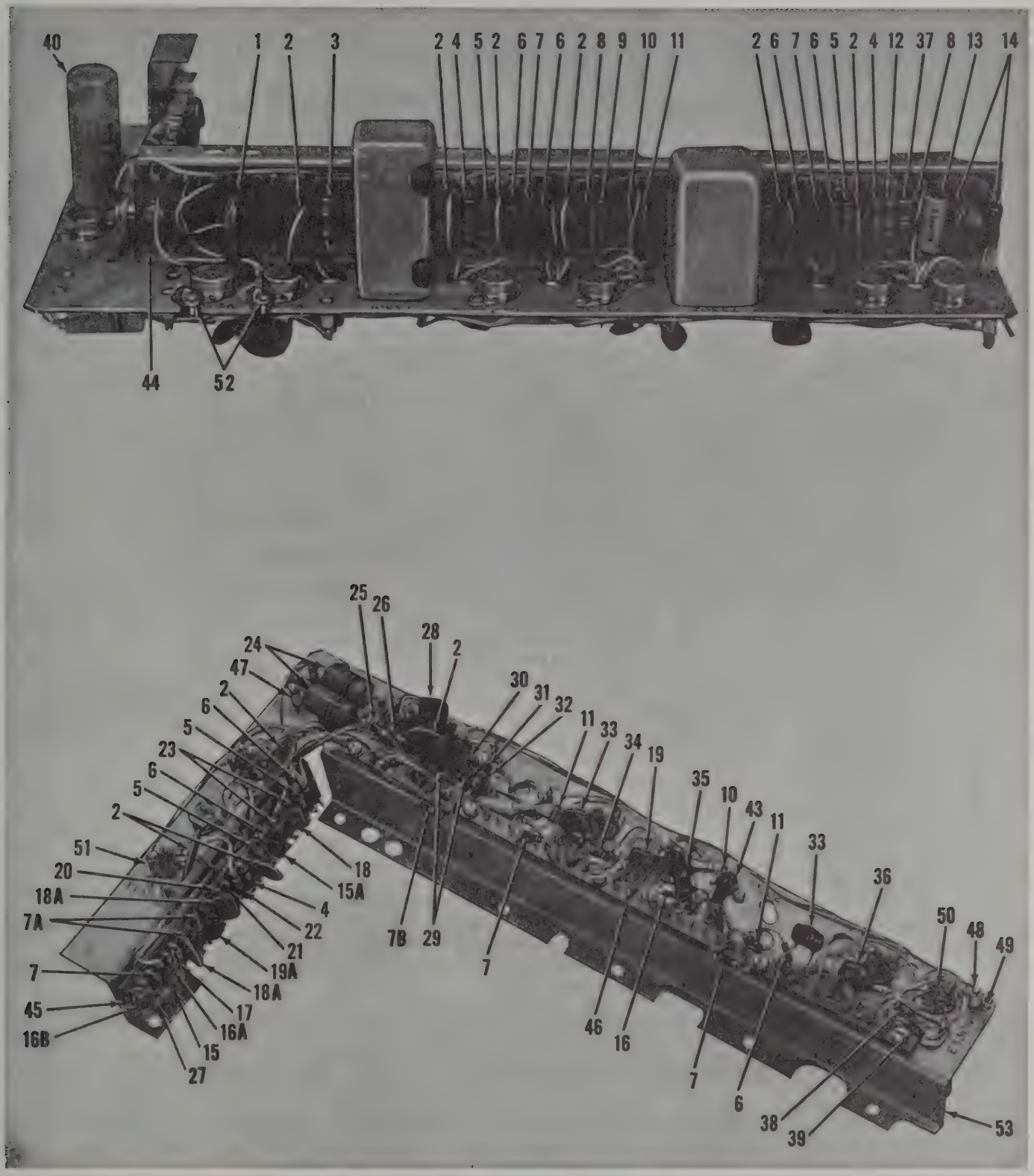


Figure 7. Filter Amplifier

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		FILTER AMPLIFIER (CONT)		
7-13	8950202-1	. CAPACITOR, Fixed, metalized plastic . . . . . dielectric, 0.1 uf ±10 percent, 100 vdcw	1	
-14	RW59V400	. RESISTOR (MIL-R-26)	2	
-15	DM15C003M 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 3 uuf ±20 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-449	1	
-15A	DM15F022J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 22 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-8	1	P
	DM15C003M 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 3 uuf ±20 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-449	1	N
-16	RC07GF473K	. RESISTOR (MIL-R-11)	1	
-16A	RC07GF473K	. RESISTOR (MIL-R-11)	1	P
-16B	RC07GF222J	. RESISTOR (MIL-R-11)	1	
-17	RC07GF224K	. RESISTOR (MIL-R-11)	1	
-18	459691-2	. CAPACITOR, Ceramic, hi-K plate type, ... 0.01 uf +100 percent -20 percent, 150 vdcw	1	
-18A	459691-2	. CAPACITOR, Ceramic, hi-K plate type, ... 0.01 uf +100 percent -20 percent, 150 vdcw	2	P
-19	DM15F100J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 100 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-324	1	
-19A	DM15F100J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 100 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-324	1	P
-20	RC07GF222J	. RESISTOR (MIL-R-11)	1	P
-21	RC07GF334J	. RESISTOR (MIL-R-11)	1	P
-22	RC20GF333K	. RESISTOR (MIL-R-11)	1	
-22	RC20GF333K	. RESISTOR (MIL-R-11)	1	
-23	RC07GF391K	. RESISTOR (MIL-R-11)	2	
-24	8701591-297	. COIL, Molded RF choke, 1 mh.	2	
-25	RC20GF102K	. RESISTOR (MIL-R-11)	1	
-26	RC07GF393K	. RESISTOR (MIL-R-11)	1	
-27	DM15C010J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 10 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-303	1	
-28	DM15F820J 300 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 820 uuf ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8914319-346	1	
-29	RC07GF103K	. RESISTOR (MIL-R-11)	2	
-30	DM15E033J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 33 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-213	1	
-31	RC20GF332K	. RESISTOR (MIL-R-11).	1	L
-32	DM15F075J 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 75 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-321	1	
-33	DM15F470J 300 VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 470 uuf ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8914319-340	2	
-34	RC07GF474K	. RESISTOR (MIL-R-11).	1	
-35	DM15E033G 500 VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 33 uuf ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-212	2	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		FILTER AMPLIFIER (CONT)		
7-36	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 470 uuf ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	1	
-37	CP05A1KC683K	. CAPACITOR (MIL-C-25)	1	
-38	RC07GF153K	. RESISTOR (MIL-R-11)	1	
-39	RC07GF683K	. RESISTOR (MIL-R-11)	1	
-40	CP13A3KC474K	. CAPACITOR (MIL-C-25)	1	
-41	8447923-501	. TRANSFORMER, IF.	1	
-42	8819178-501	. FILTER, Low pass	1	
		(ATTACHING PARTS)		
	MS35223-2	. SCREW	4	
	MS35337-39	. WASHER.	4	
		---*---		
-43	4029	. TERMINAL (77147) RCA Spec Cont Dwg 823061-13	4	
-44	8745012-501	. BOARD Terminal	1	
-45	8466968-501	. BOARD, Terminal	1	
-46	8466970-501	. BOARD, Terminal.	1	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	12	
	MS35537-40	. WASHER	12	
	MS15795-203	. WASHER	12	
		---*---		
-47	GM3550-3CT-NI	. TERMINAL, Stud, insulated, internal threaded single turret (95076) RCA Spec Cont DWG 486043-2	5	
		(ATTACHING PARTS)		
	MS35223-1	. SCREW	5	
	MS35537-39	. WASHER	5	
		---*---		
-48	GM3550-3CT-NI	. TERMINAL, Stud, insulated, internal threaded, single turret (95076) RCA Spec Cont DWG 486043-2	1	M
		(ATTACHING PARTS)		
	MS35223-1	. SCREW	1	M
	MS35337-39	. WASHER	1	M
		---*---		
-49	4029	. TERMINAL (77147) RCA Spec Cont DWG 823061-13	1	
-50	8410608-3	. SOCKET, Tube, sub-miniature, 8-pin	8	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	16	
	MS35337-39	. WASHER	16	
-51	8820650-2	. NUT, Strap	6	
-52	8820650-4	. NUT, Strap	2	
		---*---		
-53	8316546-501	. BRACKET, Mounting	1	

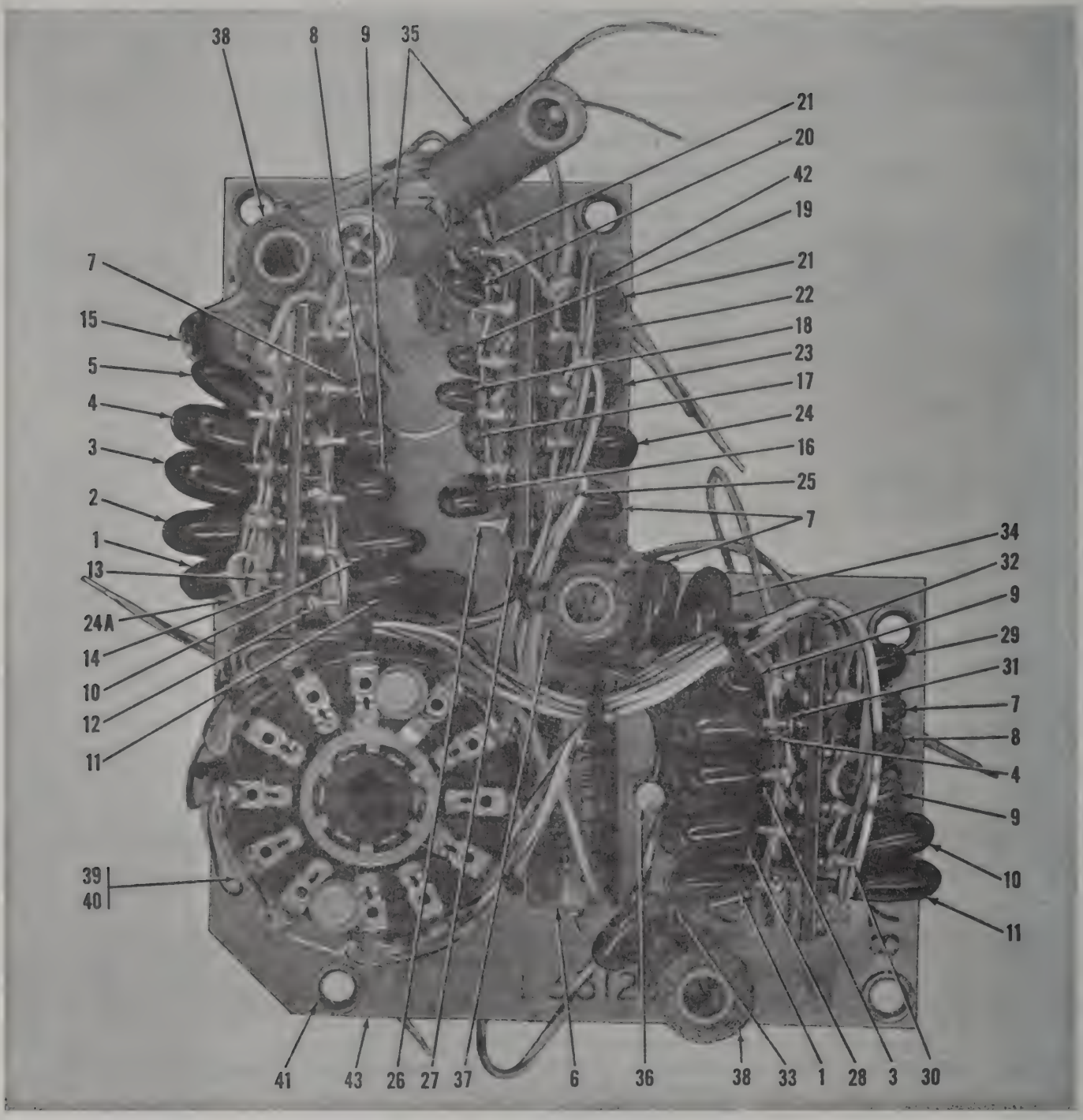


Figure 8. Right Hand Electrical Component Assembly

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RIGHT HAND ELECTRICAL COMPONENT ASSEMBLY		
8-	8745036-501	COMPONENT ASSEMBLY, Electrical, rh . . . . . (See figure 5 for NHA)	Ref	
-1	DM20F182G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 1800 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-216	2	
-2	DM20F272G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 2700 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cd nt Dwg 8924416-219	1	
-3	DM20F362G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 3600 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-222	2	
-4	DM20F512G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 5100 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-226	2	
-5	DM20F122G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 1200 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-212	1	
-6	CP05A1KC683K	. CAPACITOR (MIL-C-25)	1	
-7	DM15F200G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 200 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-231	4	
-8	DM15F360G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 360 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-237	2	
-9	DM15F620G 300 VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 620 uuf, ±2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-243	3	
-10	DM20F910G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 910 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-209	2	
-11	DM20F132G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 1300 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-213	2	
	8469625-504	. BOARD, Terminal . . . . . (ATTACHING PARTS)	1	
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	1	
	845116-133	. WASHER, Flat No. 4	1	
	MS35337-40	. WASHER	1	
		---*---		
-12	8830314-104	. . TERMINAL	5	
-13	8830314-102	. . TERMINAL	11	
-14	8469625-2	. . BOARD, Terminal	NP	
-15	2506-04-00	. TERMINAL, lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
-16	DM15F150G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 150 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-228	1	
-17	DM15F120G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 120 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-226	1	
-18	DM15F082G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 82 uuf ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-222	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RIGHT HAND ELECTRICAL COMPONENT ASSEMBLY (CONT)		
8-19	DM15F056G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 56 uuf ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-218	1	
-20	DM15F027G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 27 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-210	1	
-21	DM15F470G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 470 uuf, ± 2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-240	2	
-22	DM15F330G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 330 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-236	1	
-23	DM15F270G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 270 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-234	1	
-24	DM15F240G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 240 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-233	1	
	8469625-505	. BOARD, Terminal . . . . . (ATTACHING PARTS)	1	
	MS35223-13	. SCREW	1	
	MS35223-13	. SCREW	1	R
	MS35337-40	. WASHER . . . . . ---*---	2	
	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
-24A	GM3449-36-CT-NI	. TERMINAL, Stud, insulated, threaded . . . . . (95076) RCA Spec Cont Dwg 486039-8	1	M
-25	8330314-102	. . TERMINAL, Lug	11	
-26	8830314-104	. . TERMINAL, Lug	5	
-27	8469625-2	. . BOARD, Terminal	NP	
-28	DM15F220G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 220 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Control Dwg 8929239-232	1	
-29	DM15F390G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 390 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-238	1	
	8469625-506	. BOARD, Terminal . . . . . (ATTACHING PARTS)	1	
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER . . . . . ---*---	2	
-30	8830314-102	. . TERMINAL	11	
-31	8830314-104	. . TERMINAL	5	
-32	8469625-2	. . BOARD, Terminal	NP	
-33	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
-34	DM20F272G 500VDCW	. CAPACITOR, Fixed, mica dielectric dip . . . . . coated, 2700 uuf, ± 2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-219	1	
-35	CP05A1KC104K	. CAPACITOR (MIL-C-25)	2	
-36	GM3449-33C CUT-NI	. TERMINAL, Stud, insulated, internal threaded . . . single turret (95076) RCA Spec Cont Dwg 486043-9 (ATTACHING PARTS)	1	
	MS35223-25	. SCREW	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		RIGHT HAND ELECTRICAL COMPONENT ASSEMBLY (CONT)		
8-	MS35337-41	. WASHER	1	
		---*---		
-37	8447884-503	. COIL, Variable, 1.35 mh	1	
-38	8447884-504	. COIL, Variable, 3.3 mh	1	
		(ATTACHING PARTS)		
	MS25082-3	. NUT	3	
		---*---		
-39	220778F	. SWITCH, Rotary, section of crystal selector (76854) RCA Spec Cont Dwg 8469671-1	3	
-40	220781F	. SWITCH, Rotary, section of tens control (76854) RCA Spec Cont Dwg 8469674-1	1	
		(ATTACHING PARTS)		
	MS35223-22	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER, Flat, No. 4	2	
	8469667-3	. SPACER, Insulating	8	
	8469667-6	. SPACER, Insulating	2	
		---*---		
	8745025-502	. PLATE, Mounting	1	
-41	8466966-5	. . SPACER	5	
-42	L520-88	. . NUT, Plain, clinch, No. 4-40 (42498) RCA Spec Cont Dwg 486071-6	9	
-43	8745023-1	. . PLATE, Capacitor	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		LEFT HAND ELECTRICAL COMPONENT ASSEMBLY		
9-	8745037-501	COMPONENT ASSEMBLY, Electrical, lh . . . . . (See figure 5 for NHA)	Ref	
-1	DM15F200G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 200 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-231	2	
-2	DM15F150G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 150 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-228	2	
-3	DM15F100G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 100 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-224	3	
-4	DM15E056G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 56 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-218	2	
-5	DM15E027G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 27 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-210	3	
-6	DM15F180G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 180 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-230	1	
-7	DM15C012D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 12 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-4	2	
-8	DM15F680G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 680 uuf, ±2 percent, 200 vdcw (72136) RCA Spec Cont Dwg 8929239-244	2	
-9	DM15F510G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 510 uuf, ±2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-241	2	
-10	DM15F390G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 390 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-238	2	
-11	DM15F270G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 270 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-234	2	
-12	DM15E033G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 33 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-212	2	
-13	DM15C005D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 5 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-2	1	
-14	DM15C010D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 10 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-3	1	
-15	DM15C018D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 18 uuf, ±0.5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-6	1	
-16	DM15E047G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 47 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-216	1	
-17	DM15F062G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 62 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-219	1	
-18	DM15F082G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 82 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-222	1	
-19	CP05A1KE103K	. CAPACITOR (MIL-C-25)	1	

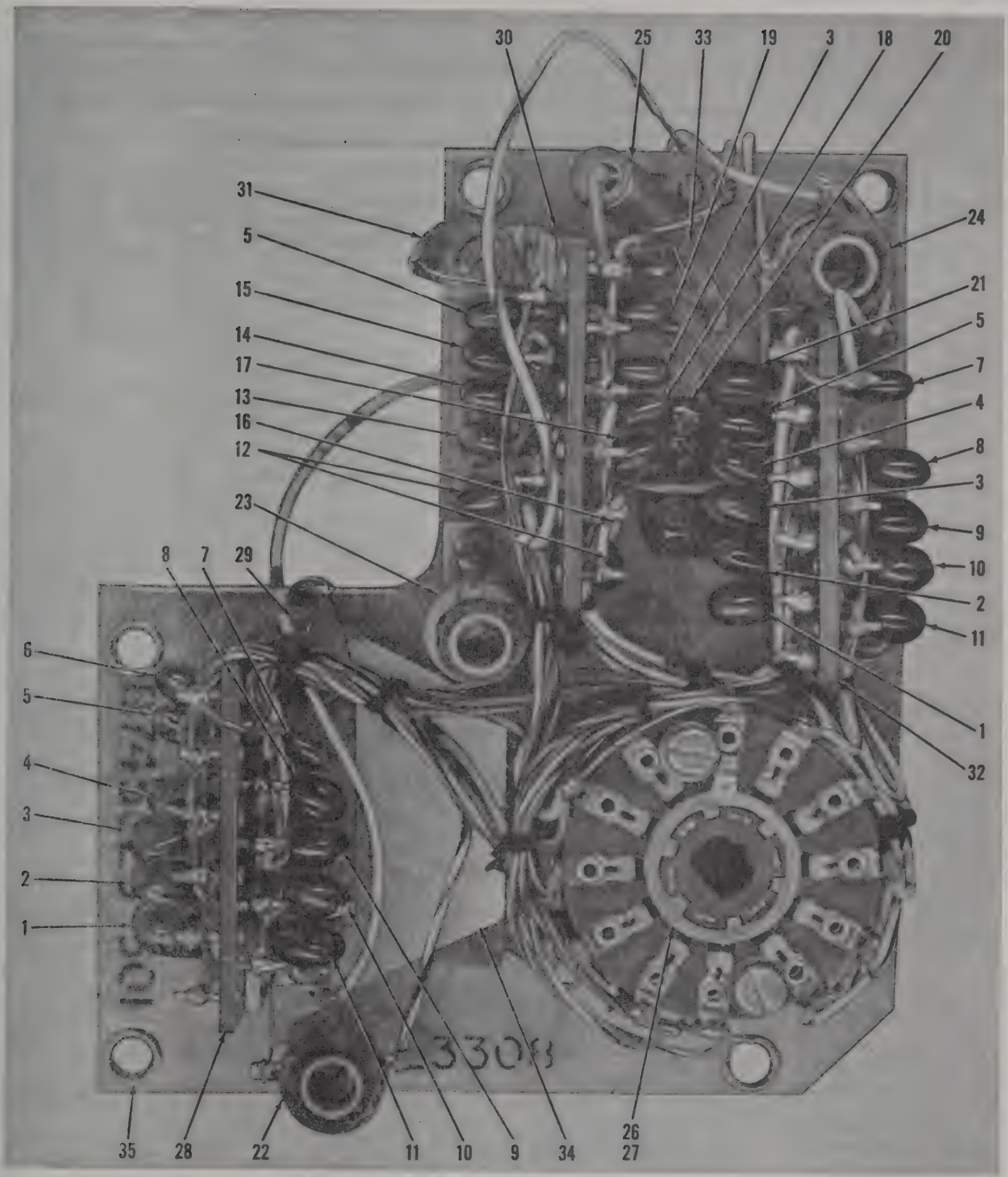


Figure 9. Left Hand Electrical Component Assembly

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		LEFT HAND ELECTRICAL COMPONENT ASSEMBLY (CONT)		
9-20	DM20F182G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 1800 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-216	1	
-21	DM15F220G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip . . . . . coated, 220 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-232	1	
-22	8447883-503	. COIL, RF	1	
-23	8447884-502	. COIL, RF	1	
-24	8447884-501	. COIL, RF	1	
-25	TYPE RC-337-1	. RESISTOR, Tapped (15909) RCA Spec Cont . . . . . Dwg 8413723-1	1	
-26	220778F	. SWITCH, Rotary, section of crystal selector . . . . (76854) RCA Spec Cont Dwg 8469671-1	3	
-27	220777F	. SWITCH, Rotary, section of - hundreds . . . . . control (76854) RCA Spec Cont Dwg 8469670-1	1	
		(ATTACHING PARTS)		
	MS35223-22	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER	2	
	8469667-6	. SPACER, Insulating	2	
	8469667-3	. SPACER, Insulating	8	
		---*---		
-28	8469625-501	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	2	
		---*---		
-29	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
-30	8469625-502	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	2	
		---*---		
-31	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
-32	8469625-503	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	2	
	845116-133	. WASHER	2	
-33	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont . . . . . Dwg 67592-114	1	
		(ATTACHING PARTS)		
	MS35223-12	. SCREW	1	
	MS35337-40	. WASHER	1	
		---*---		
-34	8480900-1	. PLATE	1	
-35	8745025-501	. PLATE, Mounting	1	
		CHANNELIZER DRIVE MECHANISM		
10-	8314561-501	DRIVE MECHANISM, Channelizer (See . . . . . figure 5 for NHA)	Ref	
-1	RC42GF131J	. RESISTOR (MIL-R-11)	4	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER DRIVE MECHANISM (CONT)		
10-2	GM3449-4A CUT-NI	. TERMINAL, Stud, insulated (95076) RCA Spec Cont Dwg 486037-8	7	
-2A	GM3449- 36CTNI	. TERMINAL, Stud, insulated (95076) RCA Spec Cont Dwg 486037-8	1	S
	GM3449-6C CT-NI	. TERMINAL, Stud, insulated (95076) RCA Spec Cont Dwg 486039-9	1	T
		(ATTACHING PARTS)		
	MS35337-41	. WASHER	7	
		---*---		
-3	FT1500	. TERMINAL, Feed thru (98291) RCA Spec Cont Dwg 8469697-1	1	
-4	8469648-1	. GEAR, Motor	1	
		(ATTACHING PARTS)		
	MS16562-17	. PIN, Spring	1	
	MS51017-20	. SETSCREW.	1	
		---*---		
-5	5A1192	. MOTOR, 15 to 20 rpm, 21 to 28 vdc (25140) RCA Spec Cont Dwg 460911-2	1	
		(ATTACHING PARTS)		
	57478-126	. SCREW, Machine, fil hd, No. 8-32	4	
	MS35337-42	. WASHER	4	
		---*---		
-6	8469608-1	. MOUNT, Motor	1	
-7	8745038-502	. IDLER, Primary drive, 36 teeth	1	
		(ATTACHING PARTS)		
	MS16633-1018	. RING, Retaining	1	
		---*---		
-8	8700270-505	. SELECTOR UNIT . (For details see figure 22)	1	
		(ATTACHING PARTS)		
	MS35223-32	. SCREW	2	
	MS35337-41	. WASHER	2	
		---*---		
-9	8985097-1	. SPACER, Clutch	1	
-10	8469621-1	. SPACER	1	
-11	8745038-503	. IDLER, Primary drive, 42 teeth	1	
		(ATTACHING PARTS)		
	MS16633-1018	. RING, Retaining	1	
		---*---		
-12	8700270-505	. SELECTOR UNIT . (For details see figure 22)	2	
		(ATTACHING PARTS)		
	MS35223-27	. SCREW	4	
	MS35337-41	. WASHER	4	
		---*---		
-13	8745038-501	. IDLER, Primary drive, 30 teeth	1	
		(ATTACHING PARTS)		
	MS16633-1018	. RING, Retaining	1	
		---*---		
-14	167-454-3	. CAPACITOR, Variable, air dielectric, 6.8 to 99 uuf (74970) RCA Spec Cont Dwg 8724759-1	1	
-15	2506-04-00	. TERMINAL, Lug (78189) RCA Spec Cont Dwg 67592-114	1	
-16	8469605-1	. MOUNT, Tuner	1	
		(ATTACHING PARTS)		
	MS35223-20	. SCREW	4	
	MS35337-40	. WASHER	4	
		---*---		
-17	8469621-2	. SPACER	4	

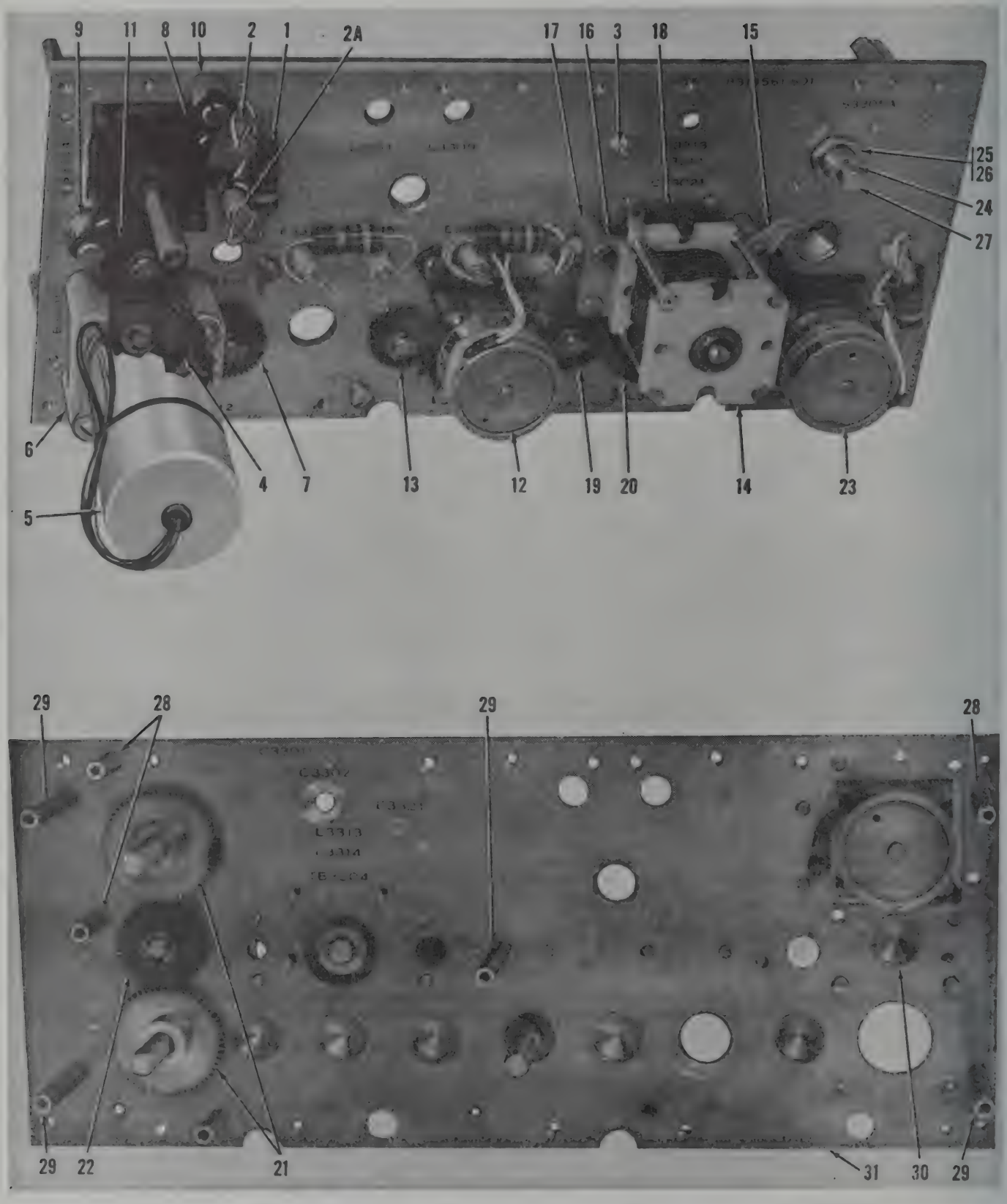


Figure 10. Channelizer Drive Mechanism

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHANNELIZER DRIVE MECHANISM (CONT)		
10-18	8469637-1	. GEAR, Tuner drive, 62 teeth	1	
		(ATTACHING PARTS)		
	MS51017-9	. SETSCREW	1	
		---*---		
-19	8745038-502	. IDLER, Primary drive, 36 teeth	1	
-20	8469654-501	. GEAR, Compound 24/54 teeth	1	
		(ATTACHING PARTS)		
	MS16633-1018	. RING, Retaining	2	
		---*---		
-21	8469636-1	. GEAR, Selector output, 54 teeth	2	
		(ATTACHING PARTS)		
	MS51017-9	. SETSCREW	2	
		---*---		
-22	8745038-503	. IDLER, Primary drive, 42 teeth	1	
		(ATTACHING PARTS)		
	MS16633-1018	. RING, Retaining	1	
		---*---		
-23	8700270-505	. SELECTOR UNIT . (For details see figure 22)	1	
		(ATTACHING PARTS)		
	MS35223-27	. SCREW	2	
	MS35337-41	. WASHER	2	
		---*---		
-24	8985102-2	. RING, Retaining	1	
-25	8985098-2	. BEARING, Panel	1	
-26	8825429-711	. WASHER, Lock, internal tooth, 0.375 in. dia	1	
-27	8469647-1	. SHAFT	1	
-28	8469669-2	. POST, Mounting	3	
-29	8469669-1	. POST, Mounting	5	
	8314554-1	. PLATE, Gear	1	
-30	8469606-1	. . STUD, Idler	7	
-31	8314561-502	. . PLATE, Gear	1	
		DISCRIMINATOR		
11-	8314527-501	DISCRIMINATOR (See figure 3 for NHA)	Ref	
-1	8410773-1	. SHIELD, Electron tube, sub miniature, with insert	10	
-2	5840S	. ELECTRON TUBE (MIL-E-1/40B)	3	
-3	5636S	. ELECTRON TUBE (MIL-E-1/168C)	3	
-4	6021S	. ELECTRON TUBE (MIL-E-1/140B)	4	
-5	8724764-2	. COVER, Chassis	1	
-6	8724764-1	. COVER, Chassis	1	
		(ATTACHING PARTS)		
-7	MS35223-12	. SCREW	8	
-8	MS35337-40	. WASHER	8	
		---*---		
-9	RC07GF105K	. RESISTOR (MIL-R-11)	5	
-10	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	14	
-11	RC07GF104K	. RESISTOR (MIL-R-11)	3	
-12	RC07GF104J	. RESISTOR (MIL-R-11)	1	
-13	RC07GF223K	. RESISTOR (MIL-R-11)	1	
-14	RC07GF103K	. RESISTOR (MIL-R-11)	2	

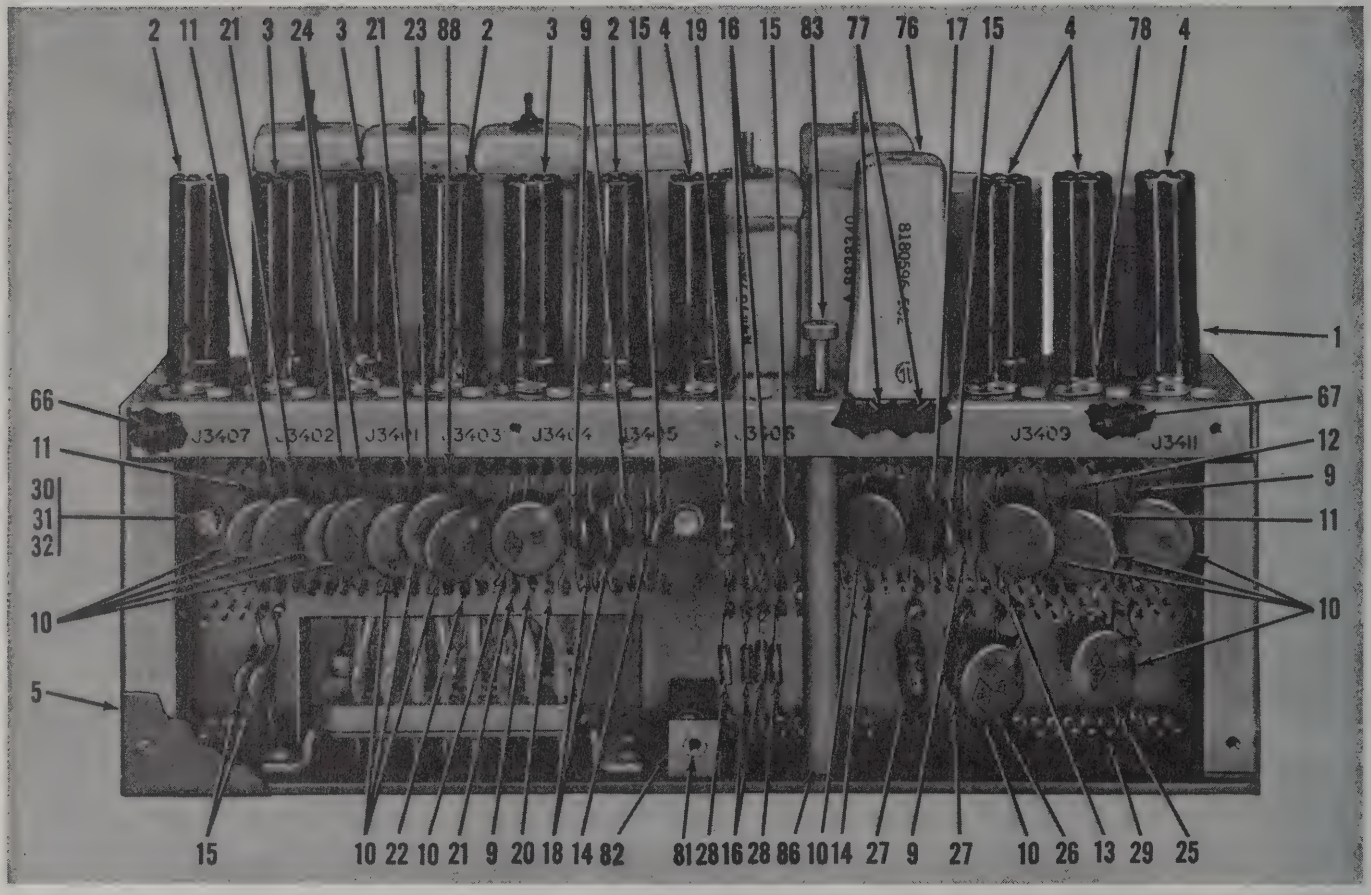


Figure 11. Discriminator (Sheet 1 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DISCRIMINATOR (CONT)		
11-15	449696-57	. CAPACITOR, Disc ceramic, high K, 500 vdcw, 0.001 uf	5	
-16	1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1026)	4	
-17	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 470 uuf ±2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-240	1	
-18	DM15E022D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 22 uuf ±5 percent 500 vdcw (72136) RCA Spec Cont Dwg 8929239-308	2	
-19	RC20GF272K	. RESISTOR, (MIL-R-11)	1	
-20	RC07GF184K	. RESISTOR (MIL-R-11)	1	
-21	RC07GF821K	. RESISTOR (MIL-R-11)	3	
-22	RC07GF822K	. RESISTOR (MIL-R-11)	1	K
	RC07GF562K	. RESISTOR (MIL-R-11)	1	L
-23	RC07GF393K	. RESISTOR (MIL-R-11)	1	
-24	RC07GF183K	. RESISTOR (MIL-R-11)	2	
-25	RC07GF123K	. RESISTOR (MIL-R-11)	1	
-26	RC07GF562K	. RESISTOR (MIL-R-11)	1	
-27	RW59V400	. RESISTOR (MIL-R-26)	2	
-28	RC07GF474K	. RESISTOR (MIL-R-11)	2	
-29	872479-501	. BOARD, Terminal (ATTACHING PARTS)	1	
-30	990384-706	. SCREW, Machine, pan hd, slotted, No. 4-40	4	
-31	MS15795-203	. WASHER	4	
-32	MS35337-40	. WASHER ---*---	4	
	8466933	. SPACER, Hold down	1	
-33	RC20GF473K	. RESISTOR (MIL-R-11)	2	
-34	737873-212	. RESISTOR, Variable, 1 megohm, 1/4 w ±10 percent (ATTACHING PARTS)	1	
	889534-1	. WASHER, Stainless steel ---*---	1	
-35	RC20GF822K	. RESISTOR (MIL-R-11).	1	
-36	1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1/1026)	1	
-37	RC07GF152J	. RESISTOR (MIL-R-11).	1	
-38	RC07GF272J	. RESISTOR (MIL-R-11).	1	
-39	RC07GF104J	. RESISTOR (MIL-R-11).	1	
-40	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	8	
-41	RC07GF683K	. RESISTOR (MIL-R-11).	1	
-42	DM15F620G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 620 uuf, ±2 percent, 300 vdcw, (72136) RCA Spec Cont Dwg 8929239-243	1	
-43	CP05A1KE473K	. CAPACITOR (MIL-C-25).	1	
-44	RC07GF823J	. RESISTOR (MIL-R-11).	1	
-45	RC07GF394J	. RESISTOR (MIL-R-11).	2	
-46	DM15F510G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 510 uuf, ±2 percent, 300 vdcw, (72136) RCA Spec Cont Dwg 8929239-241	1	
-47	RC07GF104K	. RESISTOR (MIL-R-11).	1	
-48	CP05A1KE333K	. CAPACITOR (MIL-C-25).	2	
-49	RC20GF393K	. RESISTOR (MIL-R-11).	1	
-50	CP05A1KE103K	. CAPACITOR (MIL-C-25).	1	

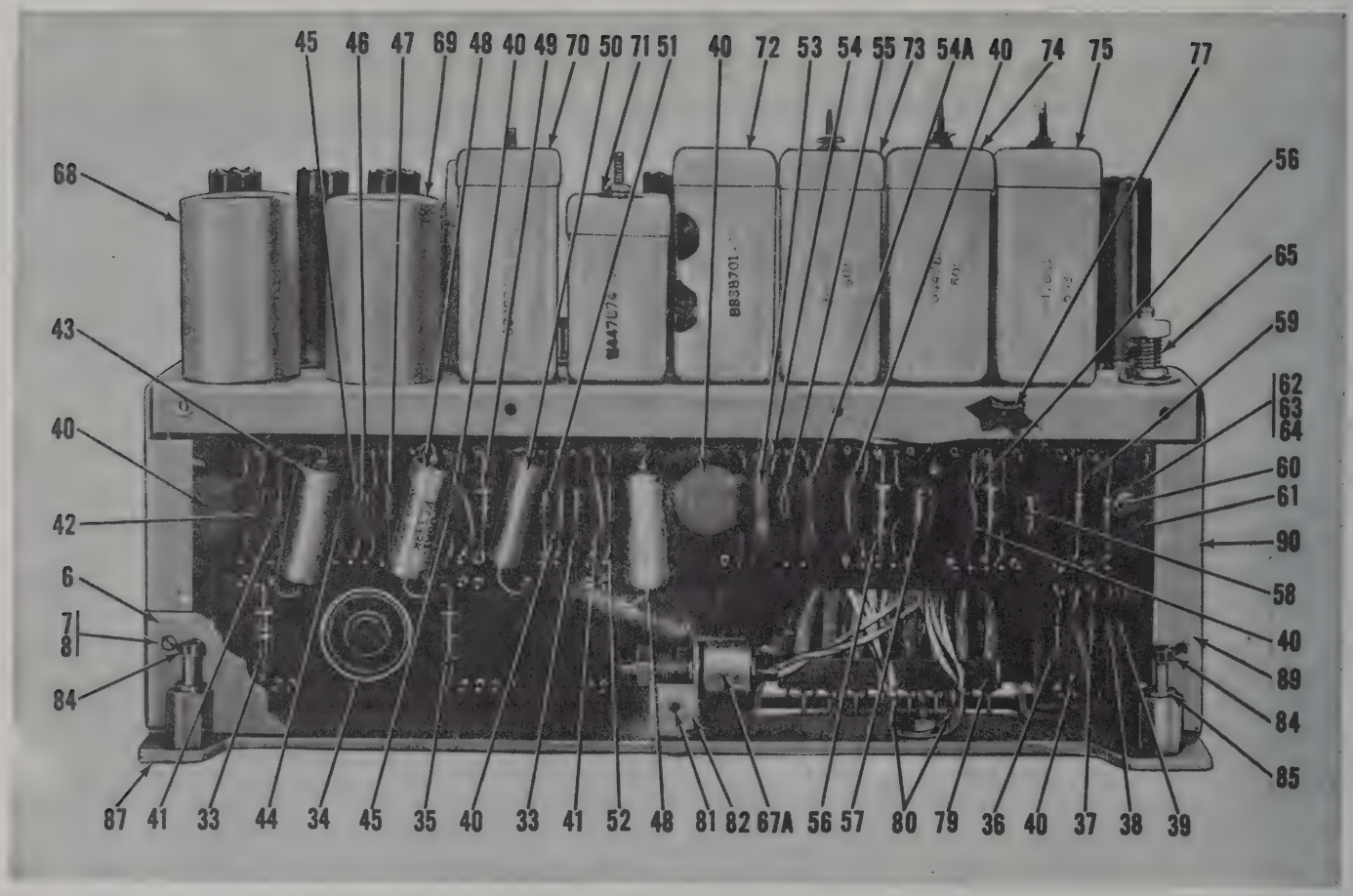


Figure 11. Discriminator (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DISCRIMINATOR (CONT)		
11-51	RC07GF103K	. RESISTOR (MIL-R-11)	1	
-52	RC07GF153K	. RESISTOR (MIL-R-11)	1	
-53	RC20GF272K	. RESISTOR (MIL-R-11)	1	
-54	DM15F470G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 470 uuf, ±2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-240	1	U
	CC27UJ111J	. CAPACITOR (MIL-C-20)	1	V
-54A	CC27UJ111J	. CAPACITOR (MIL-C-20)	1	V
-55	DM15F390G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. coated, 390 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-238	1	U
	DM15F680G 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 680 uuf, ±2 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-244	1	V
-56	RC20GF472K	. RESISTOR (MIL-R-11)	2	
-57	DM15F220G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 220 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-232	1	
-58	DM15F180G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 180 uuf, ±2 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-230	1	
-59	RC07GF332K	. RESISTOR (MIL-R-11)	1	
-60	RC07GF472J	. RESISTOR (MIL-R-11)	1	
-61	8724772-501	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
-62	990384-706	. SCREW, Machine, pan hd, slotted, No. 4-40	4	
-63	MS15795-203	. WASHER	4	
-64	MS35337-40	. WASHER	4	
		---*---		
-65	RV6LAYSA252A	. RESISTOR (MIL-R-94)	1	
-66	RC20GF273K	. RESISTOR (MIL-R-11)	1	
-67	RC07GF105K	. RESISTOR (MIL-R-11)	1	
-67A	RC07GF473K	. RESISTOR (MIL-R-11)	1	W
	RV6LAYSA103A	. RESISTOR (MIL-R-94)	1	X
-68	8837963-2	. TRANSFORMER.	1	
-69	8837963-1	. TRANSFORMER.	1	
		(ATTACHING PARTS)		
	990384-702	. SCREW, Machine, pan hd, slotted, No. 4-40	4	
	9362l-5	. WASHER, Lock, No. 4	4	
		---*---		
-70	8838340-502	. TRANSFORMER.	1	
-71	8447874-501	. COIL ASSY, 100 kc regen div, 3.18 microhenries.	1	
-72	8838701-510	. TRANSFORMER, If	1	
-73	8447882-501	. TRANSFORMER, 232.5 kc	1	
-74	8447882-502	. TRANSFORMER, 465 kc	1	
-75	8447882-503	. TRANSFORMER, 535 kc	1	
		(ATTACHING PARTS)		
	MS35223-2	. SCREW	12	
	MS35337-39	. WASHER	12	
		---*---		
-76	8180596-502	. COIL ASSEMBLY	1	
		(ATTACHING PARTS)		
	MS35649-22	. NUT	2	
	MS35337-39	. WASHER	2	
		---*---		
-77	4040	. TERMINAL, Lug (77147) RCA Spec Cont Dwg 823061-5	4	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		DISCRIMINATOR (CONT)		
11-78	8410608-3	. SOCKET, Tube, sub-miniature, 8-pin	10	
		(ATTACHING PARTS)		
	990382-702	. SCREW, Machine, pan hd, slotted, No. 2-56	20	
	MS35337-39	. WASHER	20	
	8820650-4	. NUT, Strap	20	
		---*---		
-79	126-806	. CONNECTOR, Electrical, 20 contacts (02660) RCA Spec Cont Dwg 8707963-5	1	
		(ATTACHING PARTS)		
	990384-714	. SCREW, Machine, pan hd, No. 4-40	2	
	MS15795-203	. WASHER	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-80	485718-1	. TERMINAL, Lug	2	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	1	
	MS35337-40	. WASHER	1	
	MS35649-42	. NUT	1	
		---*---		
	8466928-501	. BRACKET, Cover assembly	2	K
	8466928-501	. BRACKET, Cover assembly	1	L
	8483783-501	. BRACKET, Cover assembly	1	L
		(ATTACHING PARTS)		
	990384-706	. SCREW	2	
	MS35337-40	. WASHER	2	
		---*---		
-81	L520-90	. . NUT, Plain, clinch, No. 4-40 (42498) RCA Spec Cont Dwg 486071-4	2	
-82	8466928-2	. . BRACKET, Cover (Used only on RCA Part No. 8466928-501)	1	
	8483783-2	. . BRACKET, Cover (Used only on RCA Part No. 8483783-501)	1	L
-83	8466930-1	. SCREW, Captive	1	
-84	8530450-1	. SCREW, Captive	2	
-84A	MS15795-206	. WASHER	1	E
-85	MS35337-41	. WASHER	3	
-86	8466929-1	. RETAINER, Hold down	1	
-87	8724771-501	. PLATE, Discriminator mounting	1	
		(ATTACHING PARTS)		
	990834-706	. SCREW, Machine pan hd, No. 4-40	4	
	MS35337-40	. WASHER	4	
		---*---		
	8314542-501	. CHASSIS, Frame	1	
	8945392-1	. . CONNECTOR, Socket	13	
-89	L520-90	. . NUT, Plain clinch No. 4-40 (42498) RCA Spec Cont Dwg 486071	16	
-90	8314542-2	. . CHASSIS, Frame	1	
		MODIFICATION FRONT PANEL ASSEMBLY		
12-	8726763-503	PANEL SUBASSEMBLY, Front, modification (See figure 3 for NHA)	Ref	
	506-6104-004	. PANEL, Front (13499) (GFE) (For details see T.O. 12R2-4-6-4)	Ref	
-1	RC20GF683J	. RESISTOR (MIL-R-11)	1	
-2	RC20GF274J	. RESISTOR (MIL-R-11)	1	

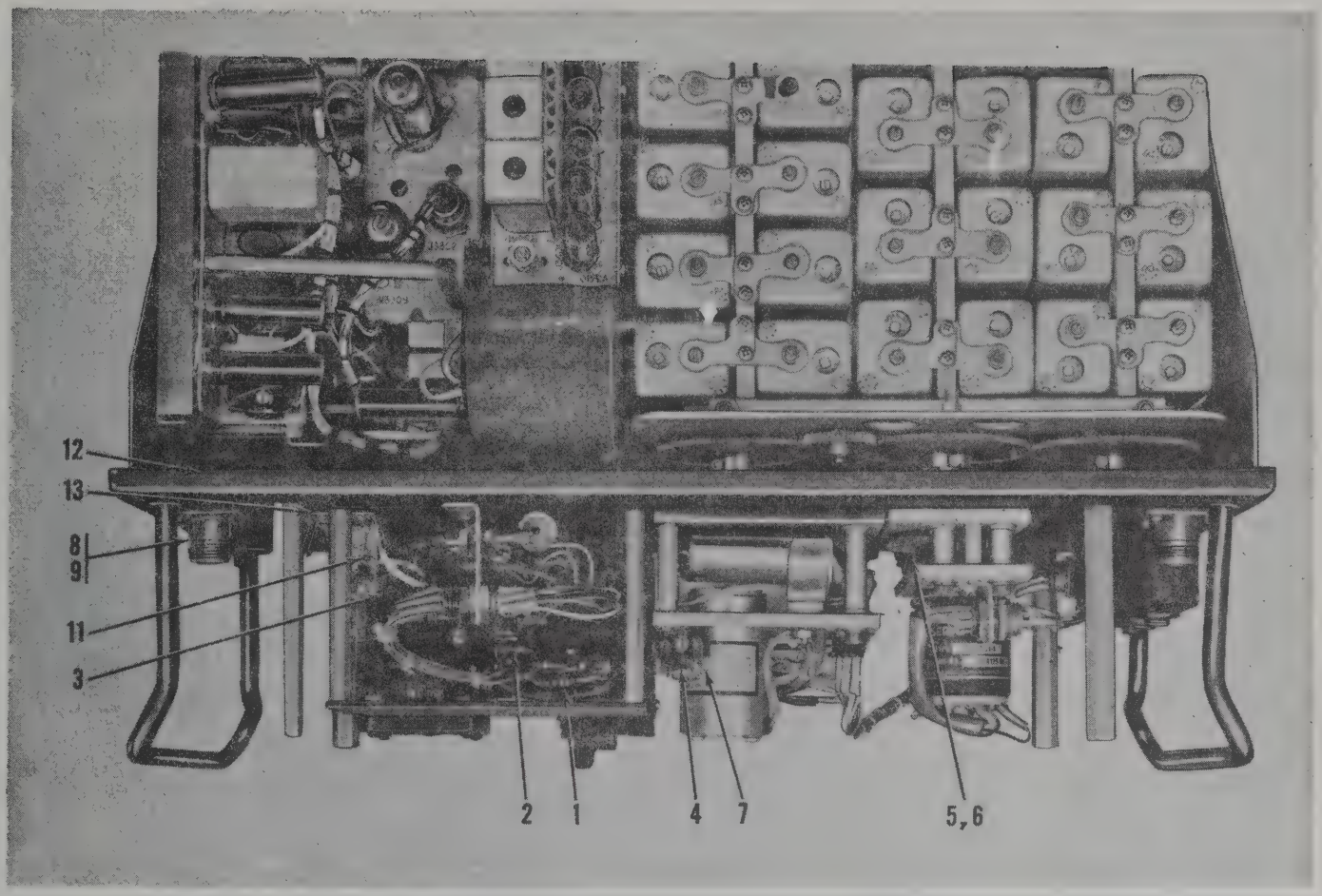


Figure 12. Modification Front Panel Subassembly

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION FRONT PANEL SUBASSEMBLY (CONT)		
12-3	486068-501	. RESISTOR, Variable, composition subminiature	1	
-4	RC20GF100K	. RESISTOR (MIL-R-11)	1	Y
-5	JAN1N538	. SEMICONDUCTOR DEVICE, Diode	1	Z
-6	8945430-1	. INSULATOR, Diode	1	AA
-7	897193-1	. BOARD, Terminal	1	Y
-8*	990072-11	. SCREW, Machine, No. 2-56	1	
	MS35337-39	. WASHER	1	
	MS15795-202	. WASHER	1	
	MS35649-22	. NUT	1	
-9*	79534-1	. TERMINAL, Lug	1	
		(ATTACHING PARTS)		
	990074-713	. SCREW, Fillister hd, No. 4-40	1	
	MS35337-40	. WASHER	1	
	MS35649-42	. NUT	1	
		---*---		
-10	8483799-1	. LABEL	1	L
-11	8486118-1	. BRACKET, Resistor	1	
-12	2104-4	. TERMINAL, Lug (78189) RCA Spec Cont Dwg 99061-104	1	
-13	8447382-2	. LABEL	1	
		MODIFICATION RF TUNER		
		MODIFICATION RF TUNER		
13-	8982354-501	TUNER, RF, Modification (See figure 3 for NHA)	Ref	C
	8982354-502	TUNER, RF, Modification (See figure 3 for NHA)	Ref	D
	506-7036-005	. CHASSIS, RF tube, top view (13499) (GFE). (For details see T. O. 12R2-4-6-4)	Ref	
		PARTIAL BREADKOWN FOLLOWS		
	541-6554-003	. . SHIELD, Electron tube (13499) (GFE)	2	
	541-6551-003	. . SHIELD, Electron tube (13499) (GFE)	2	
	5686	. . ELECTRON TUBE (GFE)	2	
	5749	. . ELECTRON TUBE (GFE)	1	
-1	Deleted			
-2	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	1	
-3	RC07GF104K	. RESISTOR (MIL-R-11)	1	
-4	RC32GF221K	. RESISTOR (MIL-R-11)	2	

*For No. 2 hole use index 8, for No. 4 hole use index 9.

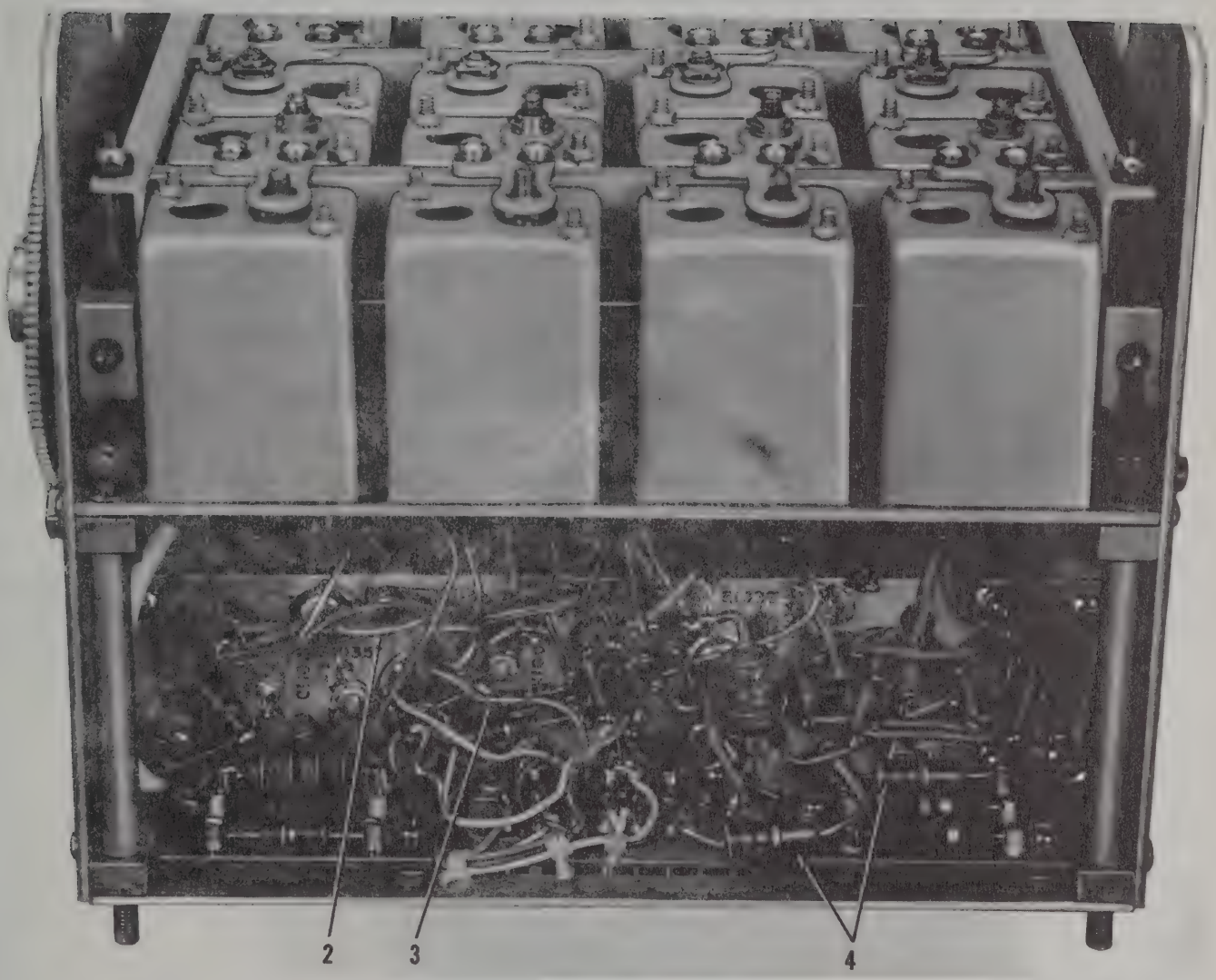


Figure 13. Modification RF Tuner

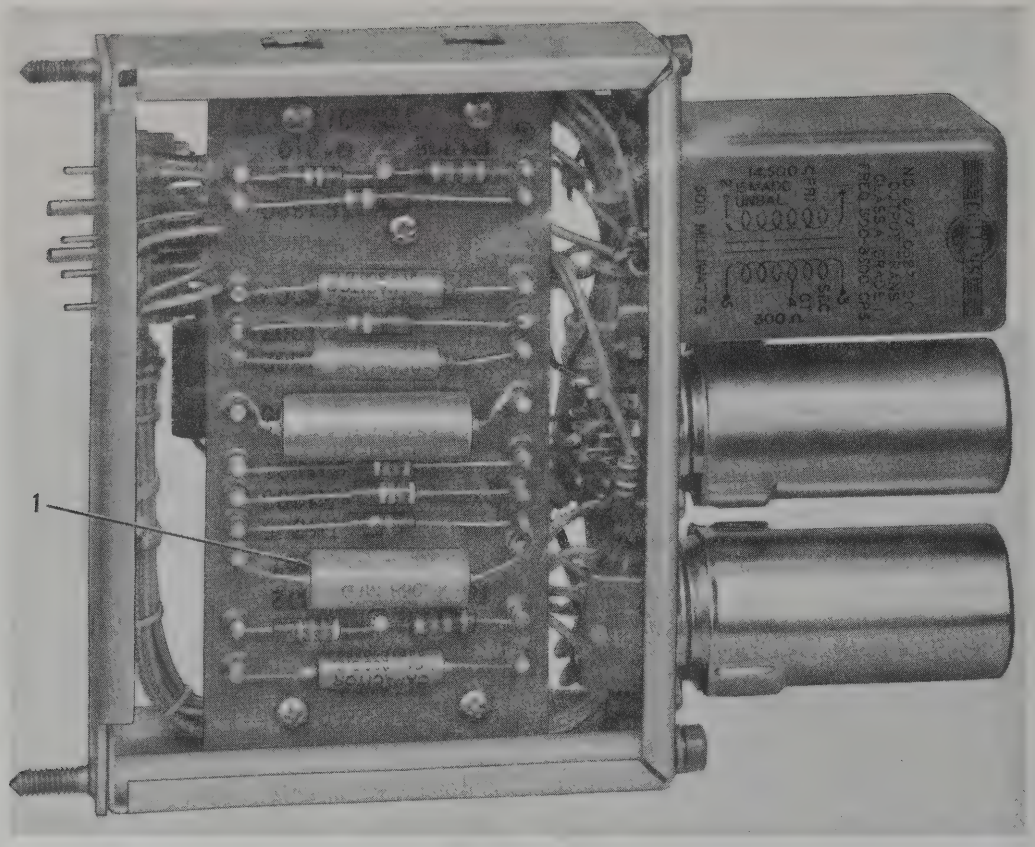


Figure 14. Modification AF Amplifier

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION AF AMPLIFIER		
14-	8985013-501	AMPLIFIER, AF, Modification (See figure 3 for NHA) .	Ref	
	506-6106-005	. AMPLIFIER, AF (13499) (GFE) (For details . . . . see T.O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	541-6554-003	. . SHIELD, Electron tube (13499) (GFE)	2	
	5814A	. . ELECTRON TUBE (GFE)	1	
	5686	. . ELECTRON TUBE (GFE)	1	
-1	CP05A1KC683K	. CAPACITOR (MIL-C-25).	1	
		MODIFICATION MODULE BFO SIDETONE GATE		
15-	8610740-502	SIDETONE GATE, BFO Module, modification . . . . (See figure 3 for NHA)	Ref	
	506-6215-004	. OSCILLATOR, RF (13499) (GFE) (For details . . . see T.O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	541-6551-003	. . SHIELD, Electron tube (13499) (GFE)	2	
	5749	. . ELECTRON TUBE (GFE)	1	
-1	6AU6WB	. ELECTRON TUBE (MIL-E-1/1)	1	

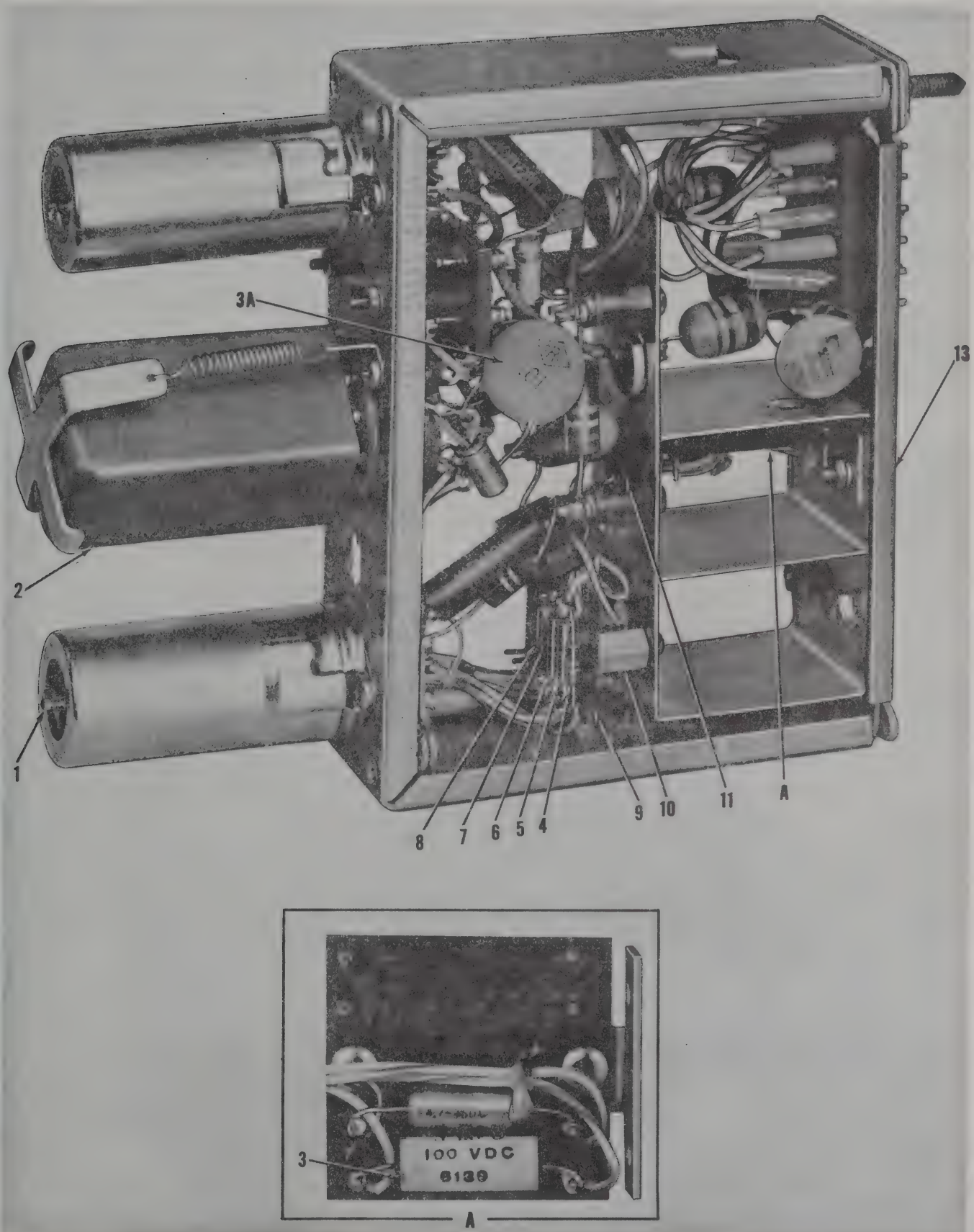


Figure 15. Modification Module BFO Sidetone Gate

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MODULE BFO SIDETONE GATE (CONT)		
15-2	RS437-3A8K	. RELAY, Plug in (98926) RCA Spec Cont Dwg 8982299-1	1	
-3	8950202-1	. CAPACITOR, Fixed, metallized plastic electrolytic, 0.1 uuf, ±10 percent, 100 vdcw	1	
-3A	449696-5	CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	1	
-4	RC07GF224K	. RESISTOR (MIL-R-11).	1	
-5	RC20GF182K	. RESISTOR (MIL-R-11).	1	
-6	RC20GF104K	. RESISTOR (MIL-R-11).	1	
-7	RC07GF104K	. RESISTOR (MIL-R-11).	1	
-8	RC07GF271K	. RESISTOR (MIL-R-11).	1	
-9	8447354-501	. BOARD, Terminal	1	
		(ATTACHING PARTS)		
	57462-153	. SCREW, Machine, flat head, slotted, No. 0.086-56	2	
	MS35223-2	. SCREW.	2	
	MS15795-202	. WASHER	2	
	MS35337-39	. WASHER	2	
		---*---		
-10	8982332-1	. POST, Spacer	2	
-11	MS35489-1	. GROMMET..	1	
-12	8447351-501	. BOARD, Terminal	1	
-13	8447369	. LABEL, Modified for SSB		
		MODIFICATION MODULATOR		
16-	8314509-501	MODULATOR, Modification (See figure 3 for NHA)	Ref	
	506-6667-006	. MODULATOR (13499) (GFE) (For details see T.O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	541-6554-003	. . SHIELD, Electron tube (13499) (GFE)	2	
	541-6550-003	. . SHIELD, Electron tube (13499) (GFE)	1	
	5726	. . ELECTRON TUBE (GFE)	1	
	5751	. . ELECTRON TUBE (GFE)	1	
-1	483884-2	. SHIELD, Electron tube	1	
-2	483884-1	. SHIELD, Electron tube	1	
-3	5751	. ELECTRON TUBE (MIL-E-1/10).	1	
-4	5726/6AL5W	. ELECTRON TUBE (MIL-E-1/78).	1	
-5	6AU6WB	. ELECTRON TUBE (MIL-E-1/1)	1	
-6	RC20GF103K	. RESISTOR (MIL-R-11).	1	
-7	RC20GF102K	. RESISTOR (MIL-R-11).	1	
-8	RC07GF474K	. RESISTOR (MIL-R-11).	1	
-9	RC42GF393K	. RESISTOR (MIL-R-11).	1	
-10	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	1	
-11	RC32GF563K	. RESISTOR (MIL-R-11).	1	
-12	RC20GF103K	. RESISTOR (MIL-R-11).	1	
-13	RC07GF563K	. RESISTOR (MIL-R-11).	1	
-14	RC07GF684K	. RESISTOR (MIL-R-11).	1	
-15	DM15C002D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 2 uuf ±0.5 uuf, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-1	2	
-16	RC07GF561K	. RESISTOR (MIL-R-11)	1	
-17	RC07GF223K	. RESISTOR (MIL-R-11)	1	
-18	RC20GF223K	. RESISTOR (MIL-R-11)	1	

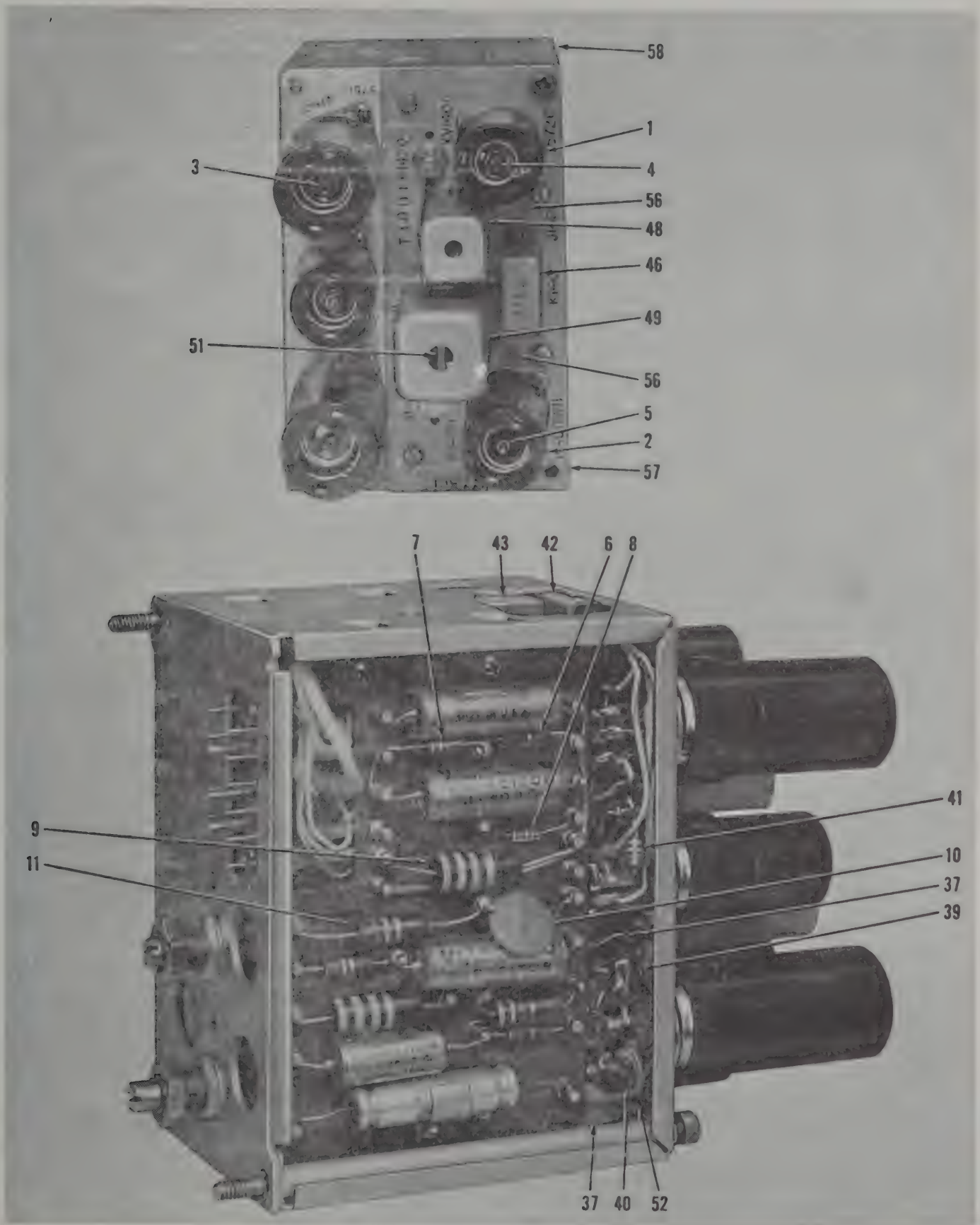


Figure 16. Modification Modulator (Sheet 1 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MODULATOR (CONT)		
16-19	TEF1-150C1I	. CAPACITOR, Fixed, tantalum electrolytic, 1 uf, 150 vdcw (05079) RCA Spec Cont Dwg 8980828-149	1	
-20	RC07GF472K	. RESISTOR (MIL-R-11)	1	
-21	RC07GF752J	. RESISTOR (MIL-R-11)	2	
-22	RC07GF122K	. RESISTOR (MIL-R-11)	1	
-23	RC07GF823K	. RESISTOR (MIL-R-11)	1	
-24	RC32GF104K	. RESISTOR (MIL-R-11)	1	
-25	RC20GF272K	. RESISTOR (MIL-R-11)	1	
-26	1N457	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1)	1	
-27	DM15C018D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 18 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-306	1	
-28	DM15C015D 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 15 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-305	1	
-29	RC20GF183J	. RESISTOR (MIL-R-11)	1	
-30	8987915-129	. CAPACITOR, Fixed, ceramic, plate type, miniature, 0.01 uf ±20 percent, 200 vdcw	1	
-31	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	2	
-32	DM15E056G 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 56 uuf ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-18	1	
-33	8726764-501	. TERMINAL BOARD ASSEMBLY	1	
		(ATTACHING PARTS)		
	MS35223-19	. SCREW	2	
	MS35337-40	. WASHER	2	
	MS15795-203	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-34	DM15F110J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 110 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-325	1	
-35	DM20F432J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 4300 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8924416-324	2	
-36	DM15F180J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 180 uuf ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-330	1	
-37	449696-5	. CAPACITOR, Disc ceramic, high K, 0.01 uf, 450 vdcw	3	
-38	RC07GF181K	. RESISTOR (MIL-R-11)	1	
-39	DM15E082J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 82 uuf ±5 percent, 500 vdcw (72136) RCA Spec Control Dwg 8914319-322	1	
-40	RC07GF102K	. RESISTOR (MIL-R-11)	1	
-41	RC07GF823K	. RESISTOR (MIL-R-11)	1	
-42	8447345-501	. BRACKET, Filter modulator	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	2	
		---*---		
	486071-6	. . NUT, Plain, clinch, No. 4-40	2	
	8447345-2	. . BRACKET	1	
-43	526-9130-031	. FILTER, Mechanical type F250 Z-4, 251.8 ±1.45 kc (13499) RCA Spec Cont Dwg 8446099-1	1	

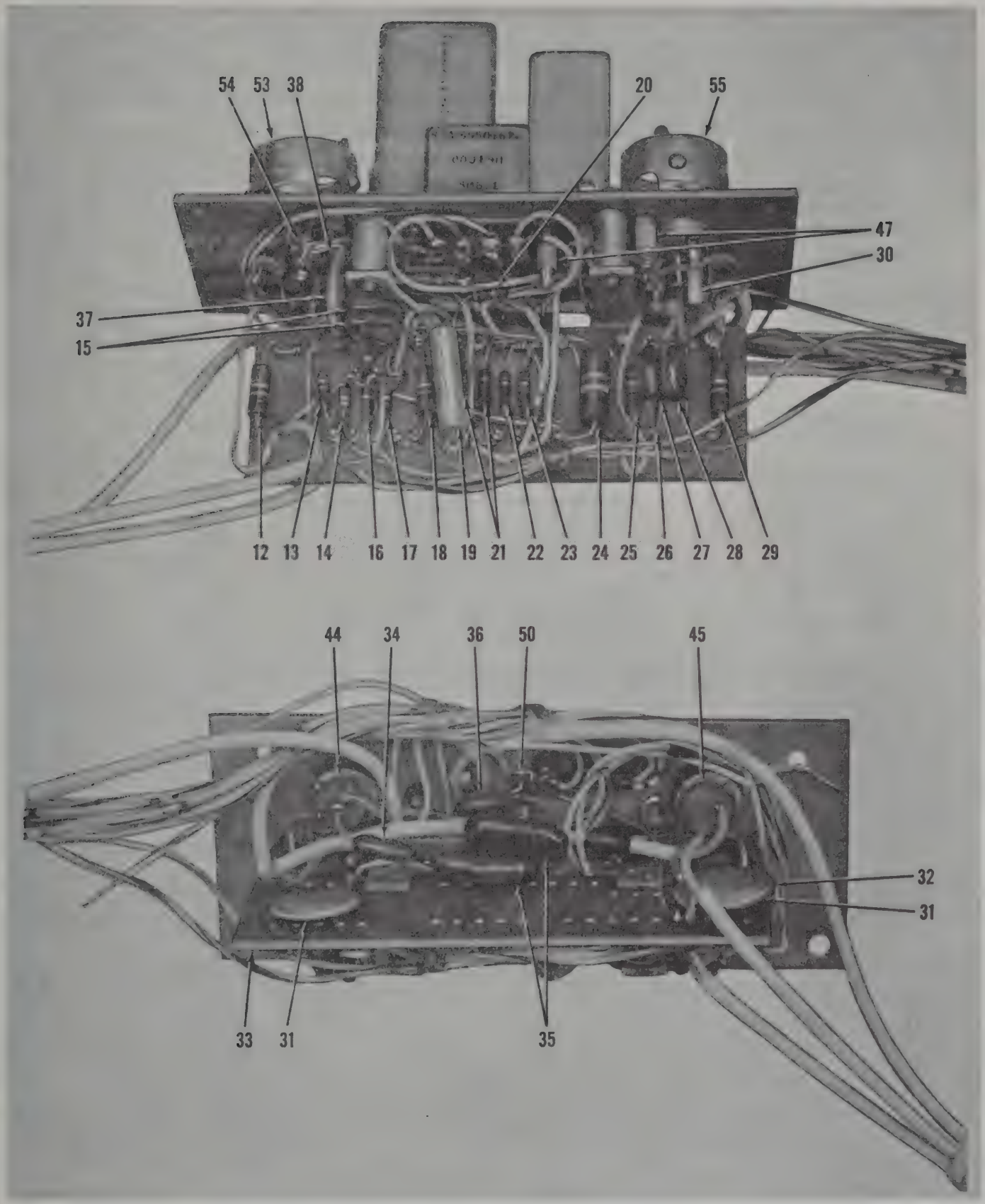


Figure 16. Modification Modulator (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MODULATOR (CONT)		
16-		(ATTACHING PARTS)		
	MS35649-42	. NUT	2	
	MS35337-40	. WASHER	2	
	485718-1	. TERMINAL, Lug	2	
		---*---		
-44	486068-501	. RESISTOR, Variable, composition, subminiature, with mounting hardware	1	
-45	486068-502	. RESISTOR, Variable, composition, subminiature, with mounting hardware, 1000 ohms	1	
-46	RP9026G2	. RELAY, General purpose (71482) RCA Spec Cont Dwg 8950167-1	1	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	2	
	MS35337-39	. WASHER	2	
	MS35649-22	. NUT	1	
		---*---		
-47	GM3550-3CUT-NI	. TERMINAL, Stud, insulated, internal threaded, single turrent (95076) RCA Spec Cont Dwg 486043-2	2	
-48	8180594-502	. COIL, Assembly Z108.	1	
		(ATTACHING PARTS)		
	MS35649-22	. NUT	2	
	MS35337-39	. WASHER	2	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont Dwg 823061-5	1	
		---*---		
-49	8446098-1	. CAN, AME Carrier control	1	
		(ATTACHING PARTS)		
	MS35649-42	. NUT	2	
	MS35337-40	. WASHER	2	
		---*---		
-50	2104-4	. TERMINAL, Lug, shakeproof (78189) RCA Spec Cont Dwg 99061-104	1	
-51	8726770-501	. CONTROL, AME Carrier (for details see figure 17).	1	
-52	2104-4	. TERMINAL, Lug, shakeproof(78189) RCA Spec Cont Dwg 99061-104	2	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-53	TS102P01	. SOCKET, Tube, 7 pin miniature (MIL-S-12883).	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW.	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
		---*---		
-54	2104-4	. TERMINAL Lug, shakeproof (78189) RCA Spec Cont Dwg 99061-104	1	
-55	TS102P01	. SOCKET, Tube, 7 pin miniature (MIL-S-12883).	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW.	1	
	MS35337-40	. WASHER	1	
	MS35649-42	. NUT	1	
	MS35223-5	. SCREW.	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MODULATOR (CONT)		
16-55	MS15795-202	. WASHER	2	
	MS35337-39	. WASHER	1	
		---*---		
-56	CN401F80S	. JACK, Insulated (78912) RCA Spec Cont Dwg 8413735-1	2	
-57	8726747-501	. PLATE, Base	1	
		(ATTACHING PARTS)		
	MS35223-13	. SCREW.	1	AB
	MS35337-40	. WASHER	1	AB
	MS35649-42	. NUT.	1	AC
		---*---		
-58	8726765-1	. CHASSIS, Modulator, modification	1	
		AME CARRIER CONTROL		
17-	8726770-501	CONTROL, AME Carrier (See figure 16 for NHA)	Ref	
-1	1N270	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1).	2	
-2	RC07GF104K	. RESISTOR (MIL-R-11).	1	
-3	8950202-1	. CAPACITOR, Fixed, metalized plastic dielectric, 0.1 uf, ±10 percent, 100 vdcw . . .	2	
-4	RC07GF102K	. RESISTOR (MIL-R-11).	1	
-5	RC07GF561K	. RESISTOR (MIL-R-11).	1	
-6	150D226X 0006B2	. CAPACITOR, Tantalum electrolytic, fixed, solid electrolyte, 22 uf, ±20 percent, 6 vdcw (89307) RCA Spec Cont Dwg 8412778-17 . . .	1	
-7	RC07GF103K	. RESISTOR (MIL-R-11).	2	

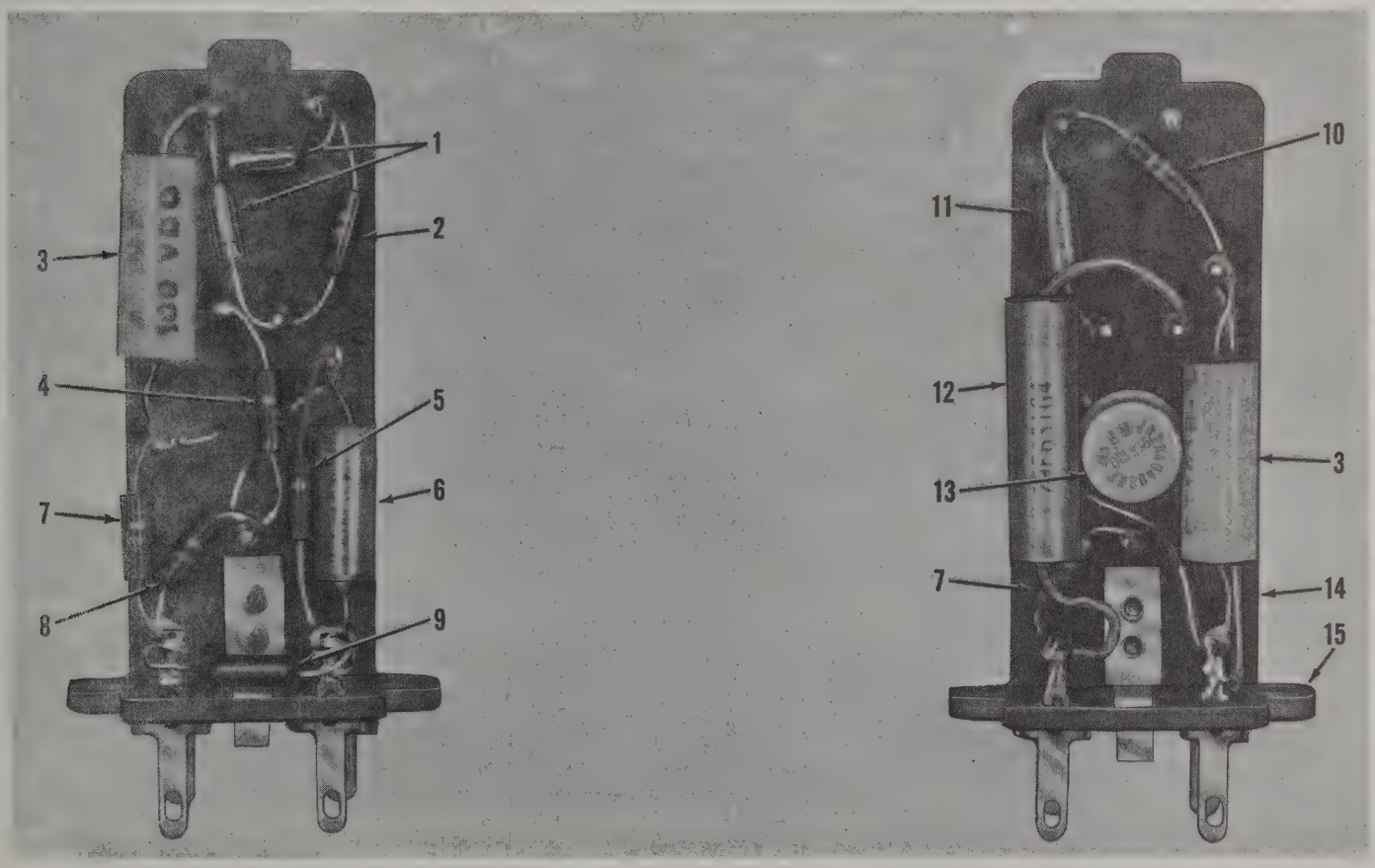


Figure 17. AME Carrier Control

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		AME CARRIER CONTROL		
17-8	RC07GF274K	. RESISTOR (MIL-R-11).	1	
-9	USN1N970B	. SEMICONDUCTOR DEVICE, Diode . . . . . (MIL-S-19500/115)	1	
-10	RC07GF224K	. RESISTOR (MIL-R-11).	1	
-11	150D225X0020A2	. CAPACITOR, Tantalum electrolytic, fixed, solid . . electrolyte 2.2 uf, ±20 percent, 20 vdcw (89307) RCA Spec Cont Dwg 8412778-7	1	
-12	8954838-34	. CAPACITOR, Tantalum electrolytic, fixed, ... 4.5 uf, 30 vdcw	1	
-13	USAF2N404	. TRANSISTOR (MIL-E-1).	1	
-14	8724741-501	. TERMINAL BOARD	1	
-15	259843-508	. TERMINAL BOARD, IF trans-std bottom.	1	
		MODIFICATION RF AMPLIFIER		
18-	8985012-501	AMPLIFIER, RF, Modification (See figure 3 for. . . . NHA)	Ref	
	5067450-006	. AMPLIFIER, RF (13499) (GFE) (For details see . . T.O. 12R2-4-6-4)	Ref	
		PARTIAL BREAKDOWN FOLLOWS		
	6159	. . ELECTRON TUBE (GFE)	3	
-1	RC20GF104K	. RESISTOR (MIL-R-11)	1	

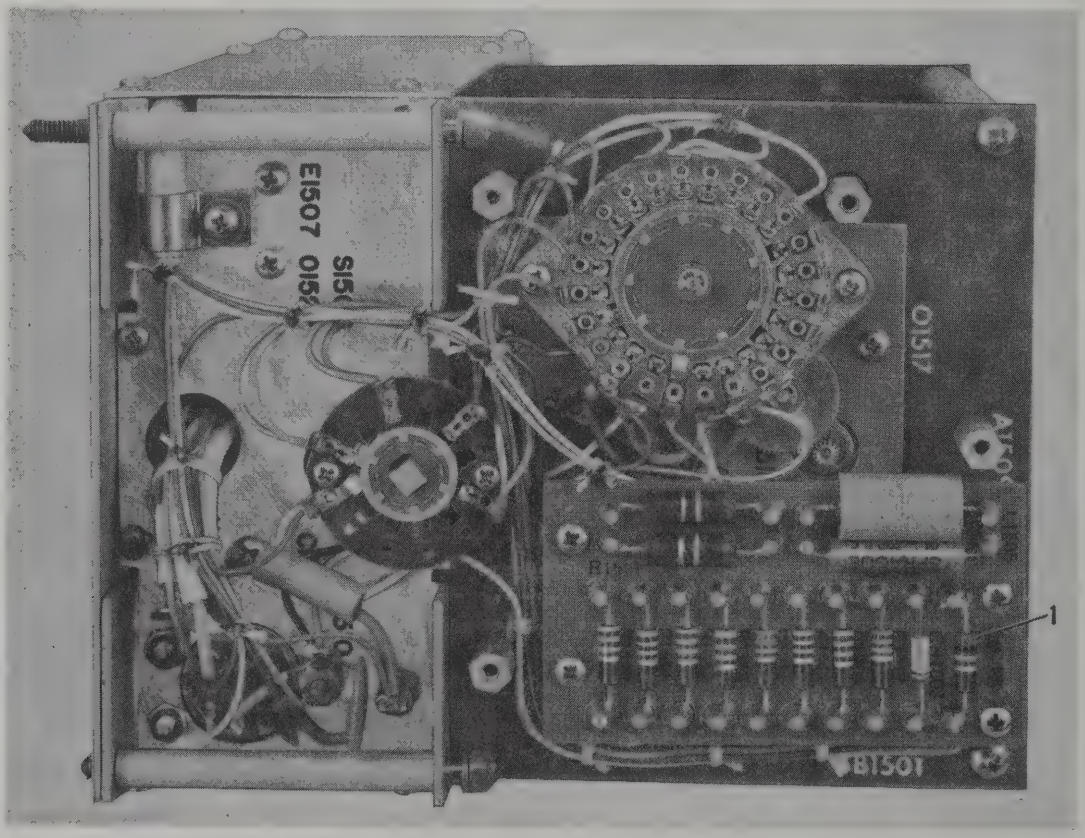


Figure 18. Modification RF Amplifier

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		REFERENCE OSCILLATOR		
19-	8610748-501	OSCILLATOR, Reference (See figure 3 for NHA)	Ref	
-1	8410773-1	. SHIELD, Electron tube. sub miniature, with insert .	4	
-2	6021(S)	. ELECTRON TUBE (MIL-E-1/88)	3	
-2A	8446097-1	. COVER, Reference oscillator	2	
		(ATTACHING PARTS)		
	MS35223-12	. SCREW.	8	
	MS35337-40	. WASHER	8	
		---*---		
-3	5636(S)	. ELECTRON TUBE (MIL-E-1/168)	1	
-4	8946846-2	. OSCILLATOR UNIT, Crystal	1	
		(ATTACHING PARTS)		
	MS35337-39	. WASHER	3	
	82244-701	. NUT	3	
		---*---		
-5	TS101P01	. SOCKET, Tube, octal (MIL-S-12883/1).	1	
		(ATTACHING PARTS)		
	MS35223-26	. SCREW.	2	
	MS35337-41	. WASHER	2	
		---*---		
-6	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 470 uuf, +5 percent, -5 percent, 300 vdcw (72136), RCA Spec Cont Dwg 8929239-340	3	
-7	8701591-297	. CHOKE	1	
-8	449696-57	. CAPACITOR, Disc ceramic, high K, 1000 uf, . . . +100 percent, -0 percent, 500 vdcw	2	
-9	8950202-1	. CAPACITOR, Fixed, metallized plastic dielectric,. . 0.1 uf, ±10 percent, 100 vdcw	1	
-10	449696-5	. CAPACITOR, Disc ceramic, high K, 10,000 uuf, . . +100 percent, -0 percent, 450 vdcw	5	
-11	RC07GF474K	. RESISTOR (MIL-R-11)	2	
-12	RC07GF183K	. RESISTOR (MIL-R-11)	1	
-13	RC07GF102K	. RESISTOR (MIL-R-11)	3	
-14	RC07GF822J	. RESISTOR (MIL-R-11)	1	
-15	DM15F068J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 68 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-320	1	
-16	RC20GF104K	. RESISTOR (MIL-R-11)	2	
-17	RC20GF472K	. RESISTOR (MIL-R-11)	1	
-18	DM15C018J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 18 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-306	1	
-19	RC07GF472J	. RESISTOR (MIL-R-11)	1	
-20	DM15F680J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 680 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-344	1	
-21	RC07GF333J	. RESISTOR (MIL-R-11).	1	

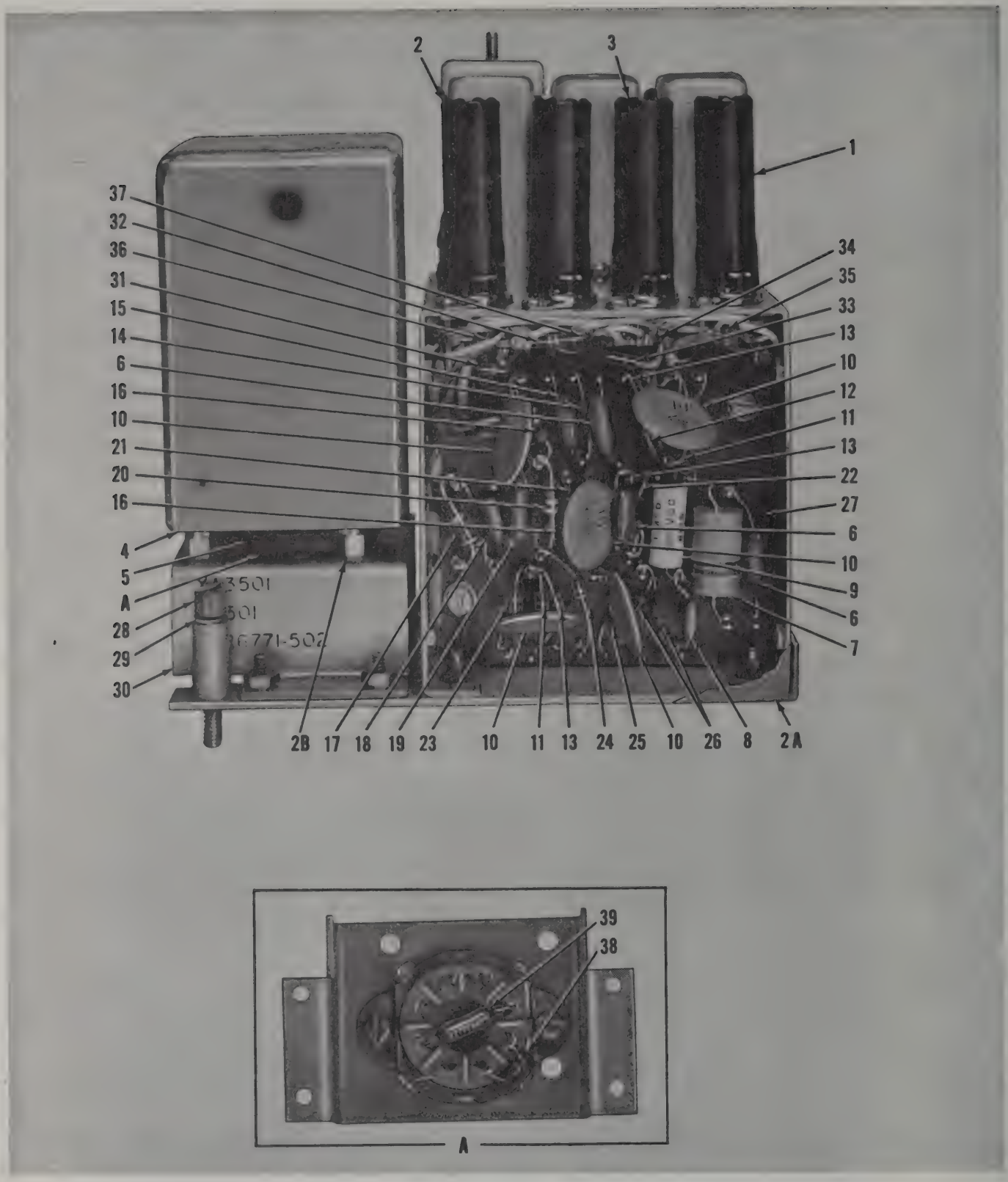


Figure 19. Reference Oscillator (Sheet 1 of 4)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		REFERENCE OSCILLATOR (CONT)		
19-22	DM15C027J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 27 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-310	1	
-23	RC07GF273K	. RESISTOR (MIL-R-11)	1	
-24	RC07GF104K	. RESISTOR (MIL-R-11)	1	
-25	RC07GF105K	. RESISTOR (MIL-R-11)	1	
-26	1N457	. SEMICONDUCTOR DEVICE, Diode	2	
-27	8724740-502	. BOARD, Terminal, tube side, osc, ref	1	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	2	
	MS15795-203	. WASHER	2	
	MS35337-40	. WASHER	2	
		---*---		
-28	8982344-1	. SCREW	2	
-29	MS35337-41	. WASHER	2	
-30	8726771-502	. BASE, Crystal oven	1	
		(ATTACHING PARTS)		
	8924490-709	. SCREW, Machine, flat head, slotted, No. 4-40	4	
	MS35337-40	. WASHER	4	
	MS35649-42	. NUT	4	
		---*---		
-31	RC07GF224J	. RESISTOR (MIL-R-11)	1	
-32	RC07GF821K	. RESISTOR (MIL-R-11)	1	
-33	RC07GF154J	. RESISTOR (MIL-R-11)	1	
-34	RC07GF105K	. RESISTOR (MIL-R-11)	1	
-35	449696-57	. CAPACITOR, Disc ceramic, high k, 1000 uuf, +100 percent, -0 percent, 500 vdcw	1	
-36	RC07GF104K	. RESISTOR (MIL-R-11)	1	
-37	RC07GF104K	. RESISTOR (MIL-R-11)	1	
-38	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	1	
-39	RW59V400	. RESISTOR (MIL-R-26)	1	
-40	8410773-1	. SHIELD, Electron tube, sub miniature, with insert	2	
-41	6021(S)	. ELECTRON TUBE (MIL-E-1/188)	2	
-42	CP05A1KE103K	. CAPACITOR (MIL-C-25)	3	
-43	449696-5	. CAPACITOR, Disc ceramic, high k, 10,000 uuf, +100 percent, -0 percent, 450 vdcw	3	
-44	RC20GF474J	. RESISTOR (MIL-R-11)	1	
-45	RC20GF103J	. RESISTOR (MIL-R-11)	2	
-46	RC07GF105K	. RESISTOR (MIL-R-11)	1	
-47	RC07GF682K	. RESISTOR (MIL-R-11)	2	
-48	DM15F100J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 100 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-324	1	
-49	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	1	

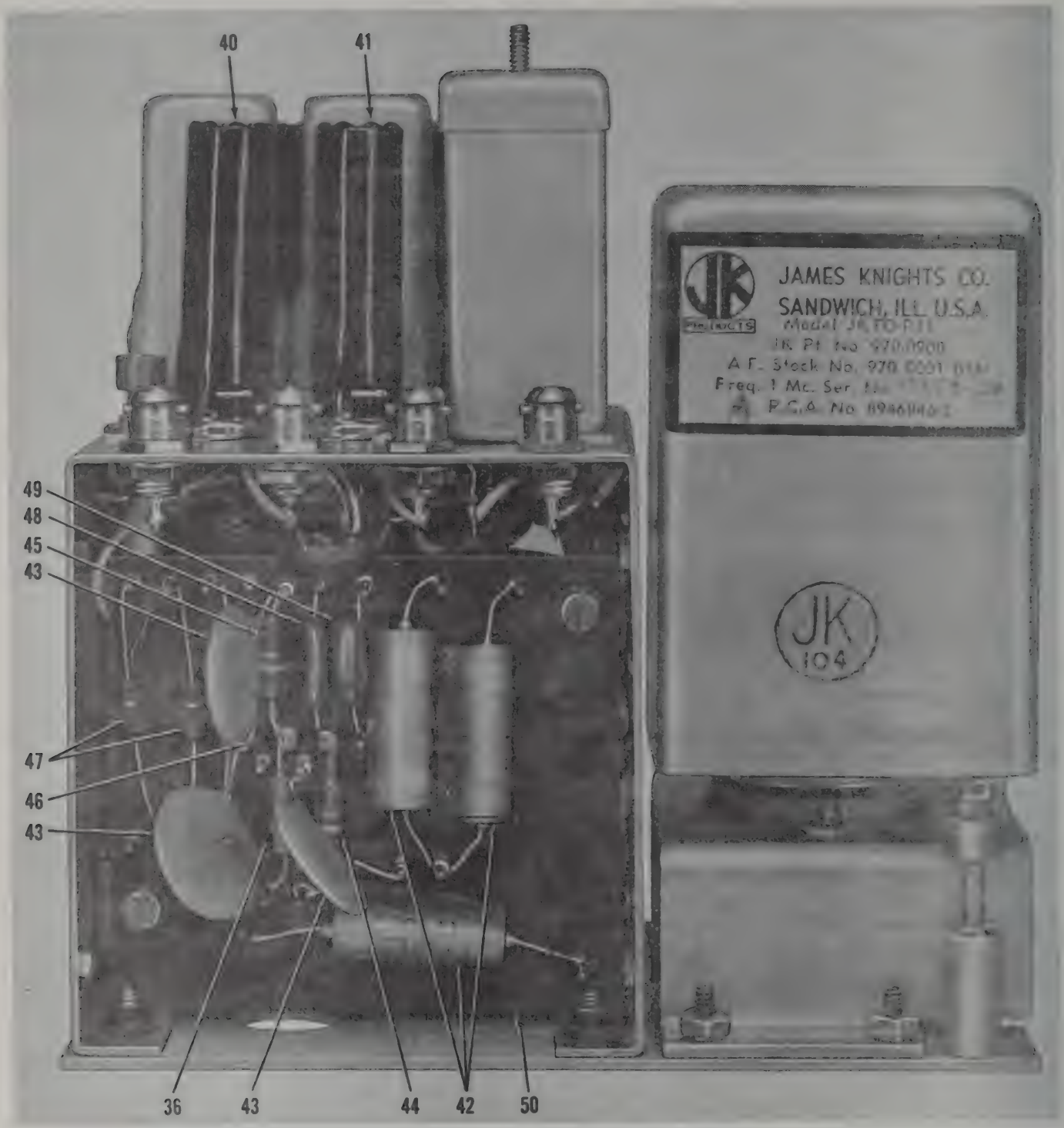


Figure 19. Reference Oscillator (Sheet 2 of 4)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		REFERENCE OSCILLATOR (CONT)		
19-50	8726769-502	. BOARD, Terminal, connector side, ref osc	1	
		(ATTACHING PARTS)		
	MS35223-14	. SCREW	2	
	MS15795-203	. WASHER	2	
	MS35337-40	. WASHER	2	
		---*---		
-51	150D475X0035B2	. CAPACITOR, Tantalum electrolytic, fixed, solid . . . electrolyte, 4.7 uf, ±20 percent, 35 vdcw (89307) RCA Spec Cont Dwg 8412778-41	1	
-51A	449696-5	. CAPACITOR, Disc ceramic, 0.01 uf, ... 450 vdcw	1	AD
-51B	8701591-273	. CHOKE, RF, molded, 0.1 mh	1	AD
-51C	8489272-1	. CONTACT	1	T
-52	DM15C010J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 10 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-303	1	
-53	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	2	
-53A	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	1	H
		. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 330 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8914319-336	1	J
-54	RC07GF122K	. RESISTOR (MIL-R-11)	1	
-55	46025	. RECEPTACLE, Connector, type MB, ... (74868) RCA Spec Cont Dwg 8914199-1	4	
-56	1467A	. TERMINAL, Lug, eye type (71785) . . . . . RCA Spec Cont Dwg 77668-1	4	
-57	SKT14WHITE	. JACK, Tip (98291) RCA Spec Cont Dwg 8945392-1. . .	3	
-58	RC07GF683K	. RESISTOR (MIL-R-11)	1	
-59	8838340-501	. TRANSFORMER.	1	
		(ATTACHING PARTS)		
	MS35223-2	. SCREW	4	
	MS35337-39	. WASHER	4	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont Dwg 823061-5.	1	
		---*---		
-60	8985016-1	. SCREW, Captive	1	
-61	MS35337-41	. WASHER	1	
-62	MS15795-206	. WASHER	1	
-63	8447349-1	. SPACER, Captive screw	1	
-64	449696-5	. CAPACITOR, Disc Ceramic, high k, 10,000 uuf, . . . +100 percent, -0 percent, 500 vdcw	1	
-65	RC20GF472K	. RESISTOR (MIL-R-11)	1	
-66	449696-5	. CAPACITOR, Disc ceramic, 0.01 uf, 450 vdcw. . . .	1	
-67	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip. . . . . coated, 470 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-340	2	
-68	GM3550-3CT-NI	. TERMINAL, Stud, insulated, internal . . . . . threaded, single turret (95076) RCA Spec Cont Dwg 486043-2	2	
-69	RC20GF104K	. RESISTOR (MIL-R-11)	1	
-70	8945696-4	. CAPACITOR, Ceramic, dielectric, special, ... 125 degree centigrade	1	

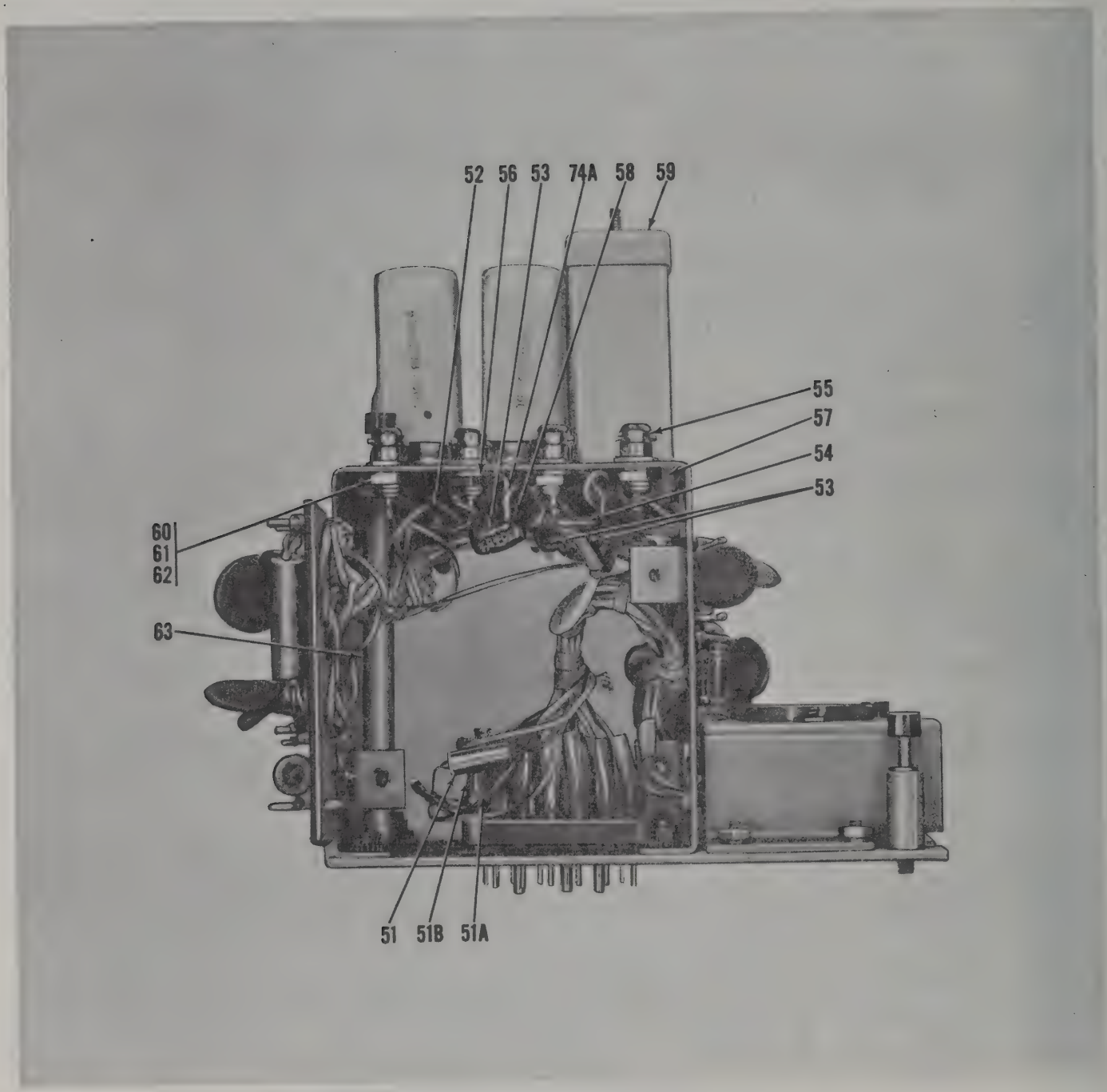


Figure 19. Reference Oscillator (Sheet 3 of 4)

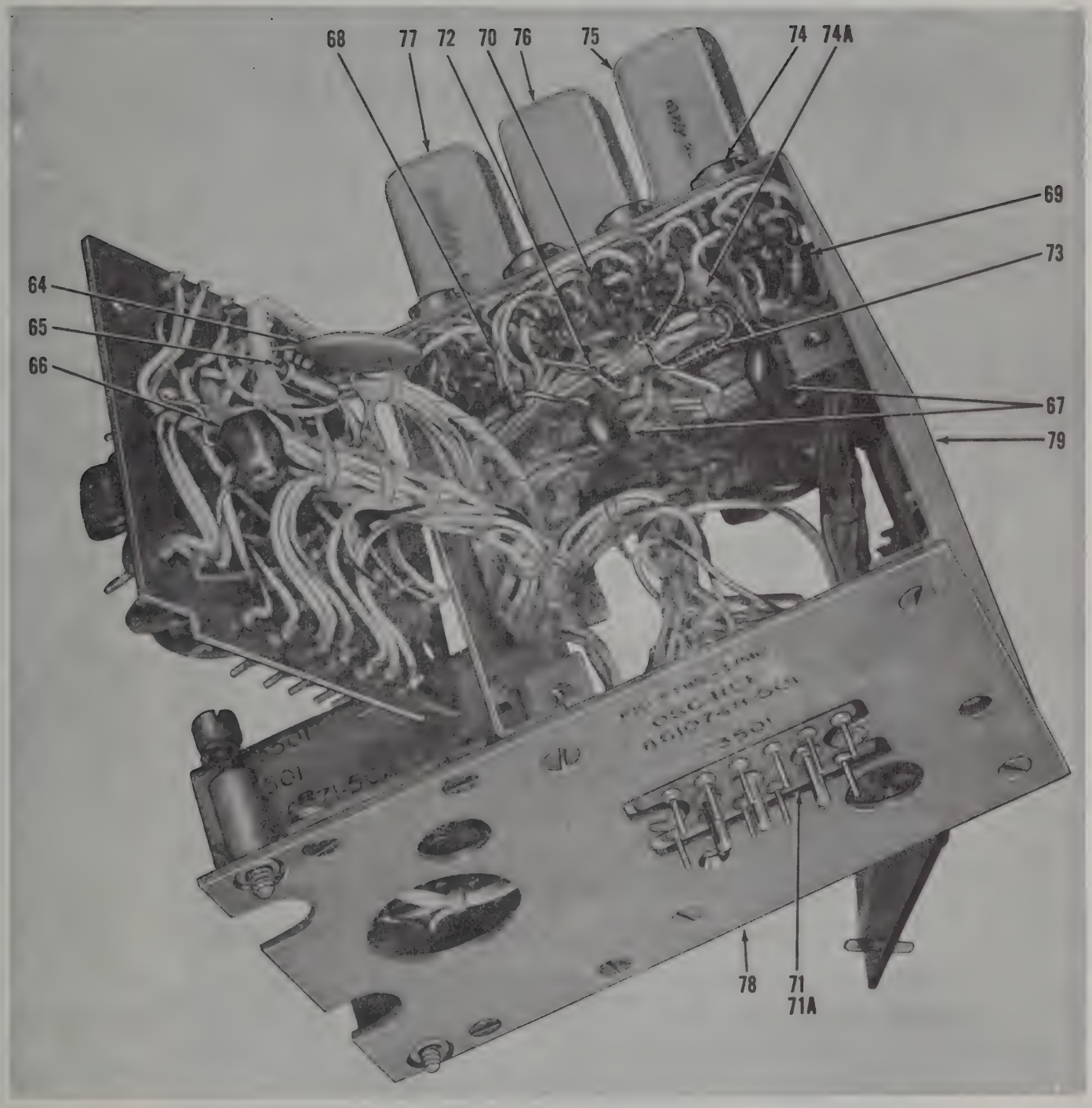


Figure 19. Reference Oscillator (Sheet 4 of 4)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		REFERENCE OSCILLATOR (CONT)		
19-71	126-151	. CONNECTOR, Electrical, 15 contacts . . . . . (02660), RCA Spec Cont Dwg 8707963-3	1	
		(ATTACHING PARTS)		
	8924490-715	. SCREW, Machine, flat head, slotted, No. 4-40. . . .	2	AE
	8924490-713	. SCREW, Machine, flat head, slotted, No. 4-40. . . .	2	AD
	MS35337-40	. WASHER	2	
	MS15795-203	. WASHER	2	
	MS35649-42	. NUT	2	AE
	MS35649-42	. NUT	1	AD
	485718-1	. TERMINAL, Lug	1	
	8982348-1	. SPACER, Connector	2	
		---*---		
-71A	GM3449-33CT-NI	. TERMINAL, Stud, insulated, internal threaded, ... single turret (95076) RCA Spec Cont Dwg 486043-8	1	AD
-72	RC07GF105K	. RESISTOR (MIL-R-11)	1	
-73	RC07GF104J	. RESISTOR (MIL-R-11)	1	
-74	8410608-3	. SOCKET, Tube, sub-miniature, 8-pin	6	
		(ATTACHING PARTS)		
	MS35223-2	. SCREW	12	
	MS35337-39	. WASHER	12	
	8820650-4	. NUT, Strap	6	
		---*---		
-74A	GM3550-3CT-NI	. TERMINAL, Stud insulated internal threaded, ... single turret (95076) RCA Spec Cont Dwg 486043-8	1	T
-75	8180598-504	. COIL ASSEMBLY, Z102.	1	
-76	8180598-503	. COIL ASSEMBLY, Z102.	1	
		(ATTACHING PARTS)		
	MS35337-39	. WASHER	4	
	MS35649-22	. NUT	4	
		---*---		
-77	8180595-503	. COIL ASSEMBLY, Z105.	1	
		(ATTACHING PARTS)		
	MS35337-39	. WASHER	2	
	MS35649-22	. NUT	2	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont . . . . . Dwg 823061-5	2	
		---*---		
-78	8724717-502	. PLATE, Bottom, oscillator, ref	1	
		(ATTACHING PARTS)		
	8924490-707	. SCREW, Machine, flat head, slotted, No. 4-40. . . .	4	
		---*---		
-79	8614227-502	. CHASSIS, Oscillator, reference.	1	
		MODIFICATION MAIN RECEIVER-TRANSMITTER CHASSIS		
20-	8314531-501	CHASSIS, Receiver-transmitter, main, ... modification (See figure 3 for NHA)	Ref	
	506-6651-005	. CHASSIS, Receiver-transmitter (13499) (GFE) . . . . (For details see T. O. 12R2-4-6-4)	Ref	
-1	RP9026G3	. RELAY, General purpose, 4 form C contacts . . . . (71482) RCA Spec Cont Dwg 629482-2	2	
		(ATTACHING PARTS)		
	MS35337-41	. WASHER	6	
	MS35649-62	. NUT	6	
		---*---		
-2	8447366-1	. BRACKET, Relay	1	
		(ATTACHING PARTS)		
	8924492-711	. SCREW, Machine, flat hd, No. 6-32	3	

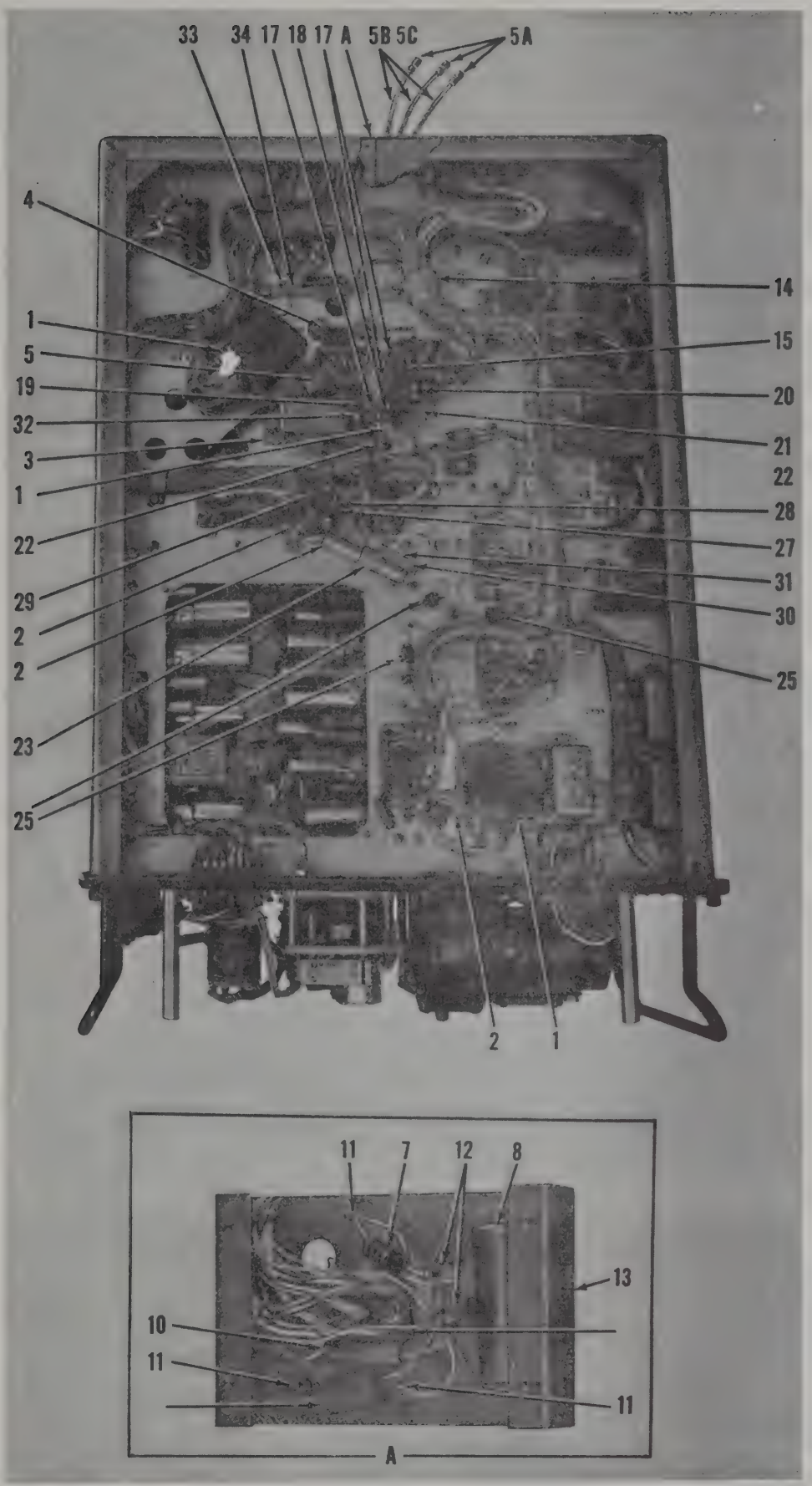


Figure 20. Modification Main Receiver-Transmitter (Sheet 1 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MAIN RECEIVER-TRANSMITTER CHASSIS (CONT)		
20-	MS35337-41	. WASHER	3	
	485718-3	. TERMINAL, Lug	2	
	MS35649-62	. NUT	3	
		---*---		
-3	8724738-1	. BRACKET, Relay	1	
		(ATTACHING PARTS)		
	MS35223-26	. SCREW	1	
	MS35337-41	. WASHER	1	
	MS15795-206	. WASHER	1	
		---*---		
-3A	8982358-1	. PLATE	1	L
		(ATTACHING PARTS)		
	8924492-715	. SCREW, Machine, flat hd, No. 6-32	1	L
	MS35239-22	. SCREW	1	L
	MS35223-27	. SCREW	1	L
	MS35337-41	. WASHER	2	L
	MS35337-40	. WASHER	1	L
	MS15795-203	. WASHER	1	L
	MS35649-42	. NUT	1	L
	NAS43DD-1-8	. SPACER		
		---*---		
-4	8950167-1	. RELAY, Micromin, 2 form C contacts	2	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	3	
	MS35223-2	. SCREW	1	
	MS35337-39	. WASHER	4	
	MS35649-22	. NUT	3	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont Dwg 823061-5	1	
		---*---		
-5	8724738-1	. BRACKET, Relay	1	
		(ATTACHING PARTS)		
	8924492-713	. SCREW, Machine, flat hd, No. 6-32	1	
	MS35337-41	. WASHER	1	
	MS35649-62	. NUT	1	
		---*---		
	8724757-509	. CABLE, Coaxial	1	
	8724757-510	. CABLE, Coaxial	1	
	8724757-511	. CABLE, Coaxial	1	
-5A	RF0701-35	. . CONNECTOR, Plug, electrical (94375) RCA Spec Cont Dwg 8466945-1	1	
-5B	RG-187/U	. . CABLE, Coaxial (MIL-C-17/68)	1	
-5C	8724757-29	. . MARKER (Used only on RCA Part No. 8724757-509)	1	
	8724757-30	. . MARKER (Used only on RCA Part No. 8724757-510)	1	
	8724757-31	. . MARKER (Used only on RCA Part No. 8724757-511)	1	
-6	126-150	. CONNECTOR, Electrical (02660) RCA Spec Cont Dwg 8707963-4	1	
		(ATTACHING PARTS)		
	8924490-715	. SCREW, Machine, flat hd, No. 4-40	2	
	MS15795-203	. WASHER	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
	8982348-1	. SPACER, Connector	2	
		---*---		
-6A	RW31V312	. RESISTOR (MIL-R-26)	1	L
-6B	RW29V102	. RESISTOR (MIL-R-26)	1	L
-6C	RW29V122	. RESISTOR (MIL-R-26)	1	L
		(ATTACHING PARTS)		
	MS35223-53	. SCREW	1	L

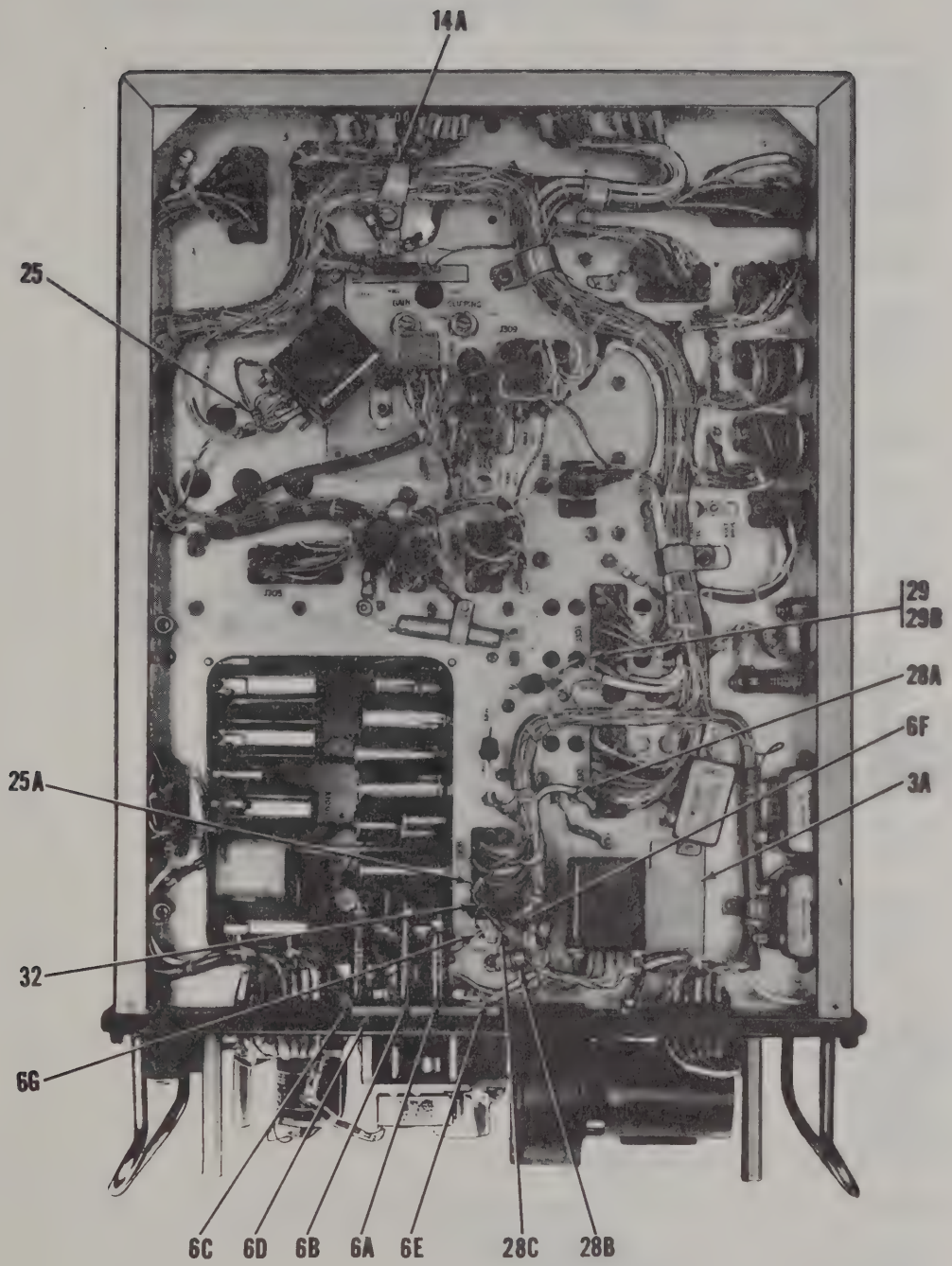


Figure 20. Modification Main Receiver-Transmitter (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MAIN RECEIVER-TRANSMITTER CHASSIS (CONT)		
20-	MS35223-54	. SCREW	2	L
	MS35337-42	. WASHER	3	L
	MS15795-207	. WASHER	3	L
	NAS549L8	. WASHER	3	L
	NAS549L8	. WASHER	3	AF
	MS35649-82	. NUT	3	L
		---*---		
-6D	8485376-1	. PLATE	1	L
		(ATTACHING PARTS)		
	MS35223-32	. SCREW	1	L
	MS35337-41	. WASHER	1	L
	MS35649-62	. NUT	1	L
		---*---		
-6E	8485377-1	. CLAMP	1	L
-6F	449696-5	. CAPACITOR, Disc, ceramic, high k, 0.1 uf, +100-0 percent, 450 vdcw	1	AG
-6G	JAN1N277	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1)	1	AG
-7	RC32GF333K	. RESISTOR (MIL-R-11)	1	
-8	CP05A1KC105K	. CAPACITOR (MIL-C-25)	1	
-9	8701591-303	. CHOKE, RF, Molded.	1	
-10	29F2201G2	. CAPACITOR, Tantalum, foil type, high voltage 1.5 uf, 200 vdcw (24446) RCA Spec Cont Dwg 8985085-1	1	
-11	GM3550-3 CUT-NI	. TERMINAL, Stud, insulated (95076) RCA Spec Cont Dwg 486043-2	3	
		(ATTACHING PARTS)		
	MS35239-8	. SCREW	3	
	MS35337-39	. WASHER	3	K
		---*---		
-12	GM3449-33 CUT-NI	. TERMINAL, Stud, insulated (95076) RCA Spec Cont Dwg 486043-8	2	
		(ATTACHING PARTS)		
	MS35239-8	. SCREW	2	
	MS35337-40	. WASHER	2	
		---*---		
-13	8724718-501	. BASE, Mounting.	1	
		(ATTACHING PARTS)		
	8924492-705	. SCREW, Machine, flat hd, No. 6-32	1	
	8924644-705	. SCREW, Machine, flat hd, No. 8-32	1	
	8924492-705	. SCREW, Machine, flat hd, No. 6-32	1	
	MS35223-30	. SCREW	1	
	MS35337-41	. WASHER	1	
	MS15795-206	. WASHER	1	
		---*---		
-14	HP10N	. CLAMP, Loop (09922) RCA Spec Cont Dwg 8811154-9	1	
-14A	8811154-43	. CLAMP, Loop	1	
		(ATTACHING PARTS)		
	MS35223-46	. SCREW	1	
	MS35337-42	. WASHER	1	
	MS15795-207	. WASHER	1	
		---*---		
-15	USN1N3036B	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1)	1	
-16	RC42GF392K	. RESISTOR (MIL-R-11)	1	
-17	RC20GF102J	. RESISTOR (MIL-R-11)	3	
-18	RC20GF682K	. RESISTOR (MIL-R-11)	1	

T. O. 12R2-4-6-34

TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

RADIO SET
618S-1/MC

(RCA)

AF33(604)37030

PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE

AFLC RAFB, GA

15 OCTOBER 1962
CHANGE 7 - 21 JUNE 1972

Technical Orders are normally distributed promptly after printing. Date(s) shown on the title page (lower right) are for identification only. This is not a distribution date. Processing time sometimes causes distribution to only appear to have been delayed.

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

Original...0...15 Oct 62
Change ...1...19 Mar 65
Change ...2...11 Sep 68
Change ....3 ... 24 Jun 69
Change ....4 ... 4 May 70
Change ....5 ... 25 Jun 70
Change ....6....27 Nov 70
Change ... 7 ...21 Jun 72

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 88 CONSISTING OF THE FOLLOWING:

Page No.	Change No.
*Title	7
*A	7
i	0
ii Blank	0
1-1 - 1-2	0
1-3	1
1-4 - 1-6	0
2-1	1
2-2	0
2-3	4
2-4	0
2-5	1
2-6	0
2-7	5
2-8	1
2-9	2
2-10 - 2-14	6
2-15	1
2-16	0
2-17	2
2-18 - 2-19	0
2-20	3
2-21 - 2-30	0
2-31	1
2-32	0
2-33	1
2-34 - 2-39	0
2-40 - 2-41	1
2-42	0
2-43 - 2-44	1
2-45 - 2-51	0
*2-52	7
2-53 - 2-58	0
*2-59	7
2-60	0
2-61	1
2-62	0
2-63	1
2-64	0
2-65	1
2-66 Blank	1
3-1 - 3-5	6
3-6	2
4-1	1
4-2	2
4-3	0
4-4	1
4-5	0
4-6	1

Upon receipt of the second and subsequent changes to this technical order, personnel responsible for maintaining this publication in current status will ascertain that all previous changes have been received and incorporated. Action should be taken promptly if the publication is incomplete.

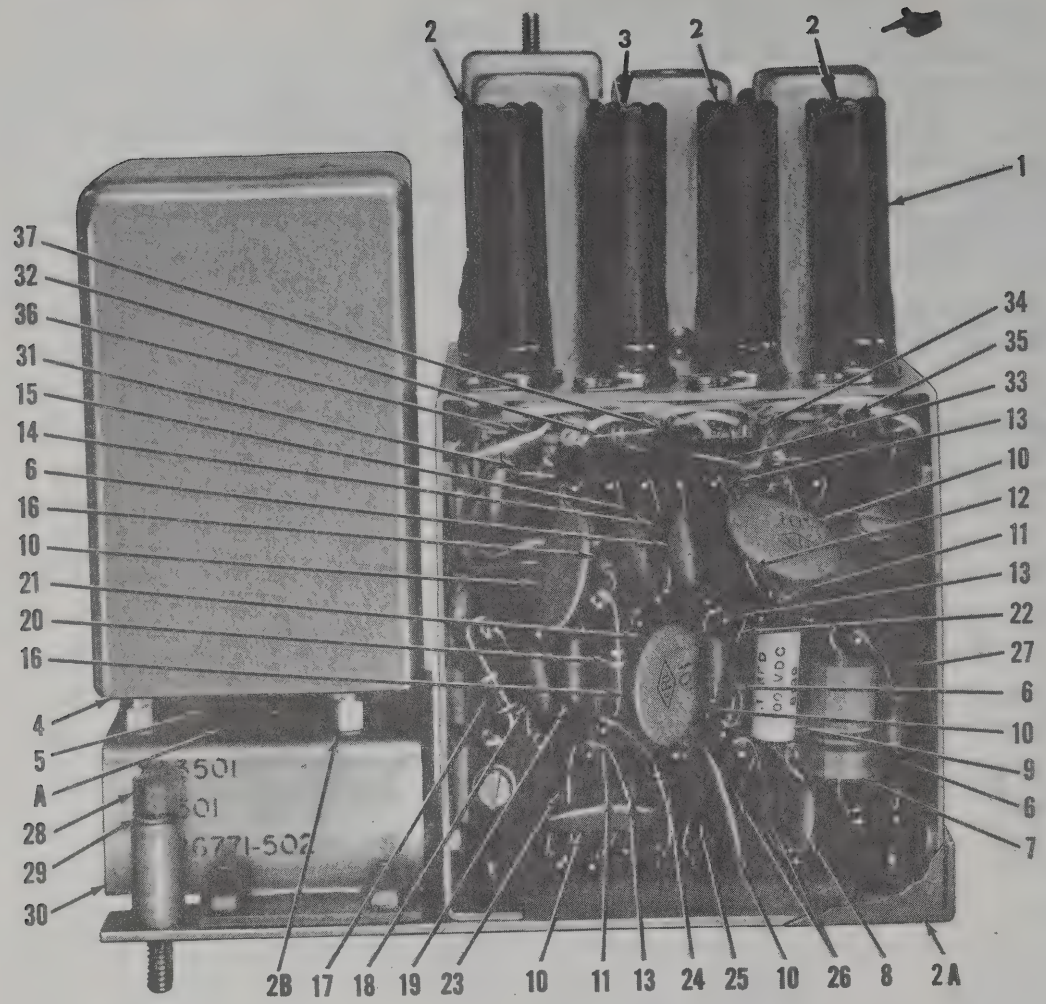
* The asterisk indicates pages changed, added, or deleted by the current change.

ADDITIONAL COPIES OF THIS PUBLICATION MAY BE OBTAINED AS FOLLOWS: **USAF**

USAF ACTIVITIES. – In accordance with T.O. 00-5-2.

NAVY ACTIVITIES. – Use Publications and Forms Order Blank (NAVAIR 140) and submit in accordance with instruction thereon. For listing of available material and details of distribution see Naval Air Systems Command Publications Index NAVAIR 00-500.

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		REFERENCE OSCILLATOR		
19-	8610748-501	OSCILLATOR, Reference (See figure 3 for NHA)	Ref	
-1	8410773-1	. SHIELD, Electron tube. sub miniature, with insert .	4	
-2	6021(S)	. ELECTRON TUBE (MIL-E-1/88)	3	
-2A	8446097-1	. COVER, Reference oscillator	2	
		(ATTACHING PARTS)		
	MS35223-12	. SCREW.	8	
	MS35337-40	. WASHER	8	
		---*---		
-3	5636(S)	. ELECTRON TUBE (MIL-E-1/168)	1	
-4	8946846-2	. OSCILLATOR UNIT, Crystal	1	
		(ATTACHING PARTS)		
	MS35337-39	. WASHER	3	
	82244-701	. NUT	3	
		---*---		
-5	TS101P01	. SOCKET, Tube, octal (MIL-S-12883/1).	1	
		(ATTACHING PARTS)		
	MS35223-26	. SCREW.	2	
	MS35337-41	. WASHER	2	
		---*---		
-6	DM15F470J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 470 uuf, +5 percent, -5 percent, 300 vdcw (72136), RCA Spec Cont Dwg 8929239-340	3	
-7	8701591-297	. CHOKE	1	
-8	449696-57	. CAPACITOR, Disc ceramic, high K, 1000 uf, . . . +100 percent, -0 percent, 500 vdcw	2	
-9	8950202-1	. CAPACITOR, Fixed, metallized plastic dielectric,. . 0.1 uf, ±10 percent, 100 vdcw	1	
-10	449696-5	. CAPACITOR, Disc ceramic, high K, 10,000 uuf, . . +100 percent, -0 percent, 450 vdcw	5	
-11	RC07GF474K	. RESISTOR (MIL-R-11)	2	
-12	RC07GF183K	. RESISTOR (MIL-R-11)	1	
-13	RC07GF102K	. RESISTOR (MIL-R-11)	3	
-14	RC07GF822J	. RESISTOR (MIL-R-11)	1	
-15	DM15F068J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 68 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-320	1	
-16	RC20GF104K	. RESISTOR (MIL-R-11)	2	
-17	RC20GF472K	. RESISTOR (MIL-R-11)	1	
-18	DM15C018J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 18 uuf, ±5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8929239-306	1	
-19	RC07GF472J	. RESISTOR (MIL-R-11)	1	
-20	DM15F680J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, . . 680 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-344	1	
-21	RC07GF333J	. RESISTOR (MIL-R-11).	1	



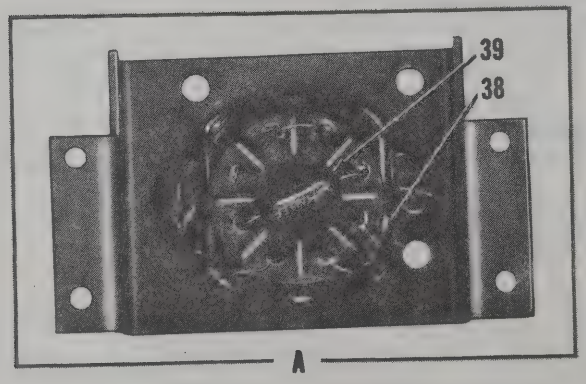


Figure 19. Reference Oscillator (Sheet 1 of 4)

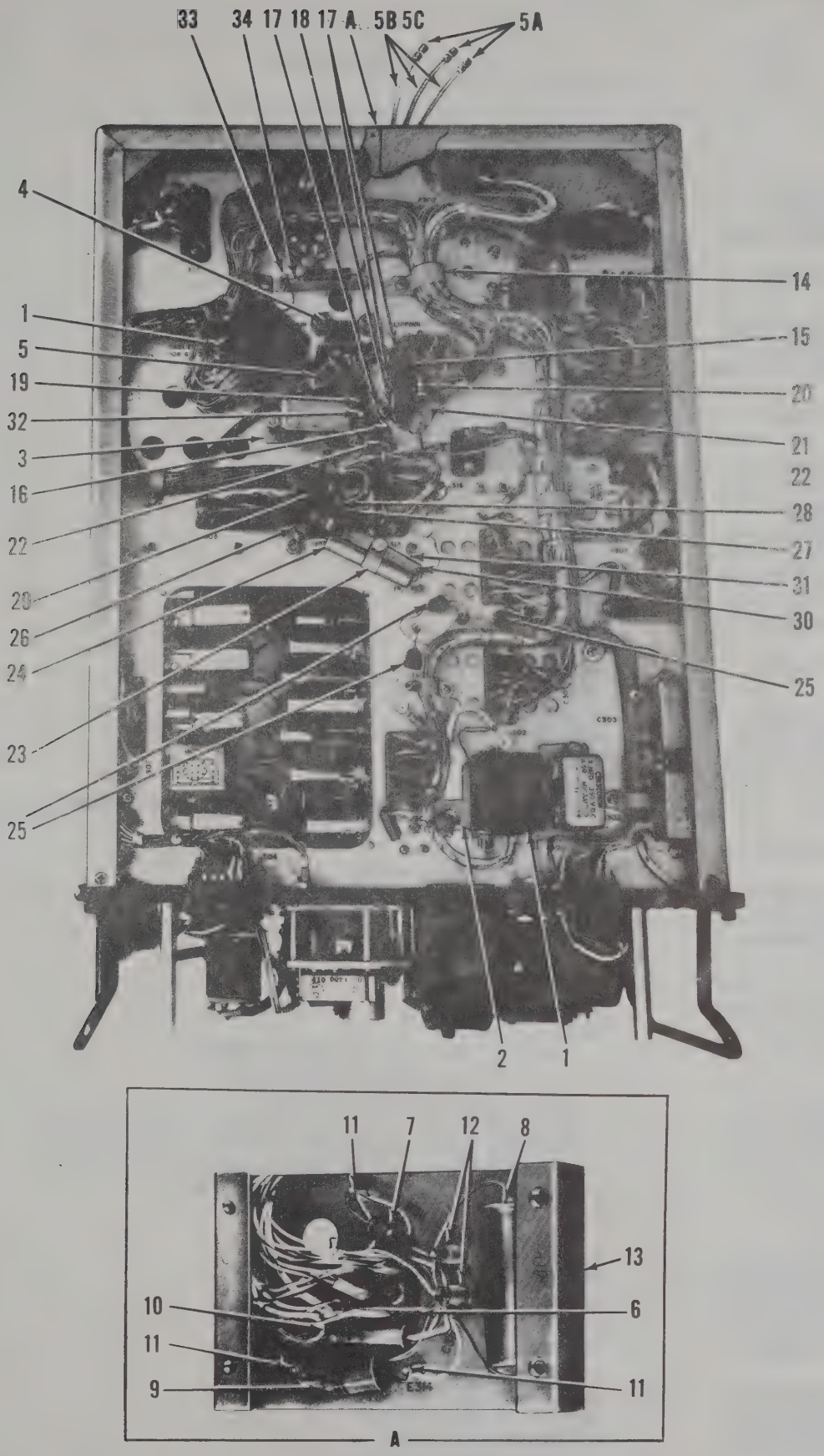


Figure 20. Modification Main Receiver-Transmitter (Sheet 1 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MAIN RECEIVER-TRANSMITTER CHASSIS (CONT)		
20-	MS35337-41	. WASHER	3	
	485718-3	. TERMINAL, Lug	2	
	MS35649-62	. NUT	3	
		---*---		
-3	8724738-1	. BRACKET, Relay	1	
		(ATTACHING PARTS)		
	MS35223-26	. SCREW	1	
	MS35337-41	. WASHER	1	
	MS15795-206	. WASHER	1	
		---*---		
-3A	8982358-1	. PLATE	1	L
		(ATTACHING PARTS)		
	8924492-715	. SCREW, Machine, flat hd, No. 6-32	1	L
	MS35239-22	. SCREW	1	L
	MS35223-27	. SCREW	1	L
	MS35337-41	. WASHER	2	L
	MS35337-40	. WASHER	1	L
	MS15795-203	. WASHER	1	L
	MS35649-42	. NUT	1	L
	NAS43DD-1-8	. SPACER		
		---*---		
-4	8950167-1	. RELAY, Micromin, 2 form C contacts	2	
		(ATTACHING PARTS)		
	MS35223-3	. SCREW	3	
	MS35223-2	. SCREW	1	
	MS35337-39	. WASHER	4	
	MS35649-22	. NUT	3	
	4040	. TERMINAL, Lug (77147) RCA Spec Cont Dwg 823061-5	1	
		---*---		
-5	8724738-1	. BRACKET, Relay	1	
		(ATTACHING PARTS)		
	8924492-713	. SCREW, Machine, flat hd, No. 6-32	1	
	MS35337-41	. WASHER	1	
	MS35649-62	. NUT	1	
		---*---		
	8724757-509	. CABLE, Coaxial	1	
	8724757-510	. CABLE, Coaxial	1	
	8724757-511	. CABLE, Coaxial	1	
-5A	RF0701-35	. . CONNECTOR, Plug, electrical (94375)	1	
		RCA Spec Cont Dwg 8466945-1		
-5B	RG-187/U	. . CABLE, Coaxial (MIL-C-17/68)	1	
-5C	8724757-29	. . MARKER (Used only on RCA Part No. 8724757-509)	1	
	8724757-30	. . MARKER (Used only on RCA Part No. 8724757-510)	1	
	8724757-31	. . MARKER (Used only on RCA Part No. 8724757-511)	1	
-6	126-150	. CONNECTOR, Electrical (02660) RCA Spec	1	
		Cont Dwg 8707963-4		
		(ATTACHING PARTS)		
	8924490-715	. SCREW, Machine, flat hd, No. 4-40	2	
	MS15795-203	. WASHER	2	
	MS35337-40	. WASHER	2	
	MS35649-42	. NUT	2	
	8982348-1	. SPACER, Connector	2	
		---*---		
-6A	RW31V312	. RESISTOR (MIL-R-26)	1	L
-6B	RW29V102	. RESISTOR (MIL-R-26)	1	L
-6C	RW29V122	. RESISTOR (MIL-R-26)	1	L
		(ATTACHING PARTS)		
	MS35223-53	. SCREW	1	L

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		MODIFICATION MAIN RECEIVER-TRANSMITTER CHASSIS (CONT)		
20-19	RC20GF151K	. RESISTOR (MIL-R-11)	1	
-20	RC20GF472K	. RESISTOR (MIL-R-11)	1	
-21	1N540	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1)	1	
-22	897195-1	. TERMINAL BOARD, 4 Position, tie point type	2	
		(ATTACHING PARTS)		
	8924492-711	. SCREW, Machine, flat hd, No. 6-32	1	
	MS35337-41	. WASHER	1	
	MS35649-62	. NUT	1	
	485718-3	. TERMINAL, Lug	1	
		---*---		
-23	7/8-6	. CLAMP, Loop (95987) RCA Spec Cont Dwg 8811154-5	1	
		(ATTACHING PARTS)		
	8924492-719	. SCREW, Machine, flat hd, No. 6-32	1	
	MS35337-41	. WASHER	1	
	MS15795-206	. WASHER	1	
	MS35649-62	. NUT	1	
	485718-3	. TERMINAL, Lug	1	
		---*---		
-24	29F478G36	. CAPACITOR, Fixed, Tantalum electrolytic, 25 uf, +30 -15 percent, 150 vdcw (05079) RCA Spec Cont Dwg 8980828-152	1	
-25	1N538	. SEMICONDUCTOR DEVICE, Diode (MIL-E-1)	4	
-25A	RC07GF122K	. RESISTOR (MIL-R-11)	1	
-26	8701591-297	. CHOKE, RF, Molded	1	
-27	RC20GF153J	. RESISTOR (MIL-R-11)	1	
-28	DM15F510J 300VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 510 uuf, ±5 percent, 300 vdcw (72136) RCA Spec Cont Dwg 8929239-341	1	
-28A	DM15E056J 500VDCW	. CAPACITOR, Fixed, mica dielectric, dip coated, 56 uuf ± 5 percent, 500 vdcw (72136) RCA Spec Cont Dwg 8914319-318	1	AH
-28B	8701591-289	. CHOKE, RF, Molded	1	L
-28C	1N753	. SEMICONDUCTOR DEVICE, ZENER, SILICON, 6.2v ±10 percent, 400 mw		
-29	449696-5	. CAPACITOR, Disc, ceramic, high k, 0.1uf, +100 -0 percent, 450 vdcw	1	
-29A	485718-3	. TERMINAL, Lug	3	
-29B	MS35337-40	. WASHER	1	
-30	GM3550-3 CT-NI	. TERMINAL, Stud, insulated, internal threaded, single turret (95076) RCA Spec Cont Dwg 486043-2	1	
		(ATTACHING PARTS)		
	MS35239-8	. SCREW	1	
	MS35337-39	. WASHER	1	K
		---*---		
-31	8982356-1	. PLATE, Terminal capacitor	1	
-32	486041-8	. TERMINAL, Stud, insulated, internal threaded, single turret	2	
		(ATTACHING PARTS)		
	8924492-713	. SCREW, Machine, flat hd, No. 6-32	2	
	MS35337-41	. WASHER	2	
	MS35649-62	. NUT	2	
		---*---		
-33	GM3449-33 CUT-NI	. TERMINAL, stud, insulated, internal threaded, single turret (95076) RCA Spec Cont Dwg 486043-8	4	
		(ATTACHING PARTS)		
	8924490-703	. SCREW, Machine, flat hd, No. 4-40	4	
	MS35337-40	. WASHER	4	
		---*---		
-34	8982361-1	. PLATE, Resistor	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		TEST ADAPTER AND CABLE FOR RADIO SET 478H-1		
21-1	8316564-501	ADAPTER, Test for Radio Test Set 478H-1 . . . . . (for details see T. O. 33A1-3-98-4)	1	
-2	8627806-501	CABLE, Test for Radio Test Set 478H-1 . . . . . (For details see T. O. 33A1-3-98-4)	2	

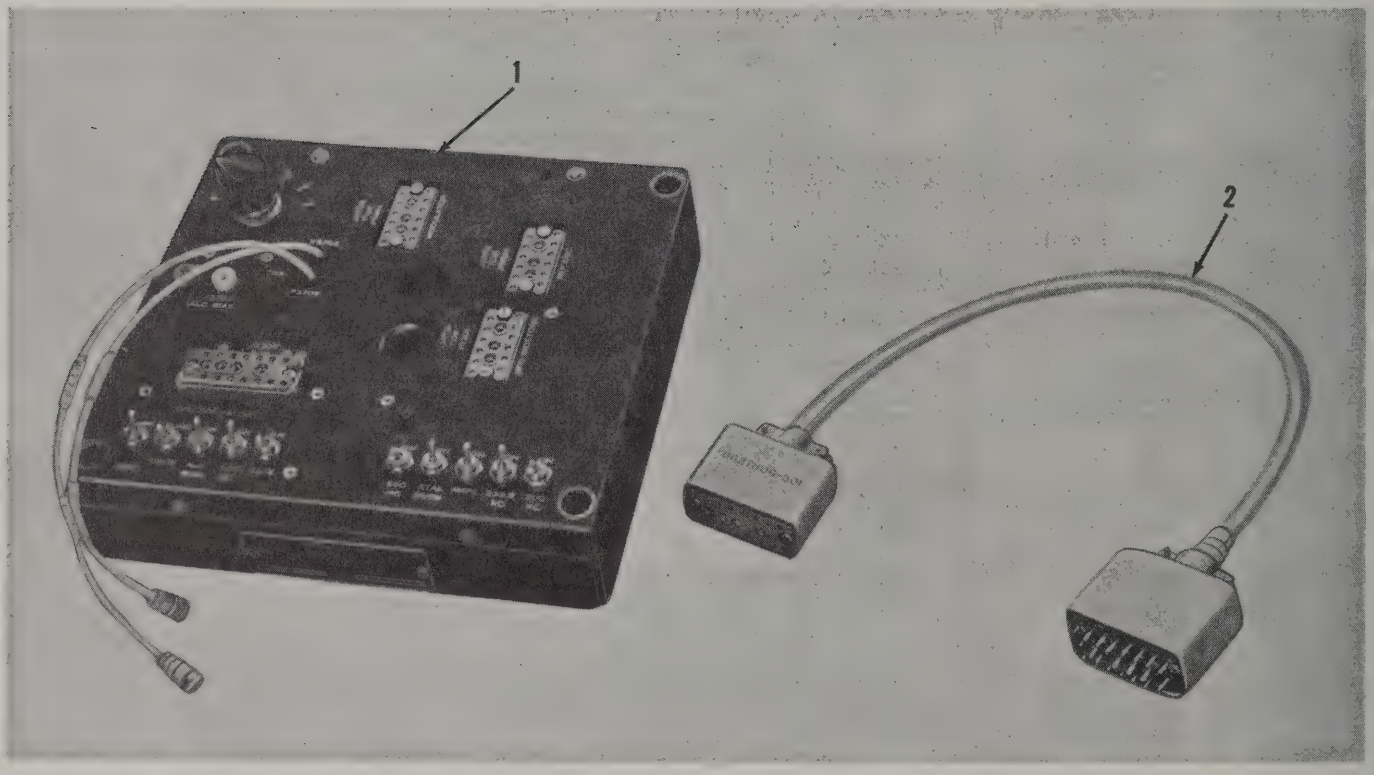


Figure 21. Test Adapter and Cable for Radio Test Set 478H-1

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		SELECTOR UNIT DETAIL ASSEMBLY		
22-	8700270-505	SELECTOR UNIT (See figure 10 for NHA)	Ref	
-1	8821362-502	. PLATE BASE	1	
		(ATTACHING PARTS)		
	8821341-1	. SCREW	4	
		---*---		
-2	885431-2	. BEARING	1	
-3	8837543-1	. GEAR	1	
-4	460634-505	. CLUTCH DRIVE	1	
-5	8837096-501	. SHAFT ASSEMBLY	1	
-6	474545-12	. SPRING	1	
-7	890294-1	. PIN	1	
-8	8837061-1	. SPACER	4	
		(ATTACHING PARTS)		
	8821341-1	. SCREW	4	
		---*---		
-9	489457-2	. ARMATURE	1	
		(ATTACHING PARTS)		
	990333-3	. PIN	1	
		---*---		
-10	489460-502	. SOLENOID	1	

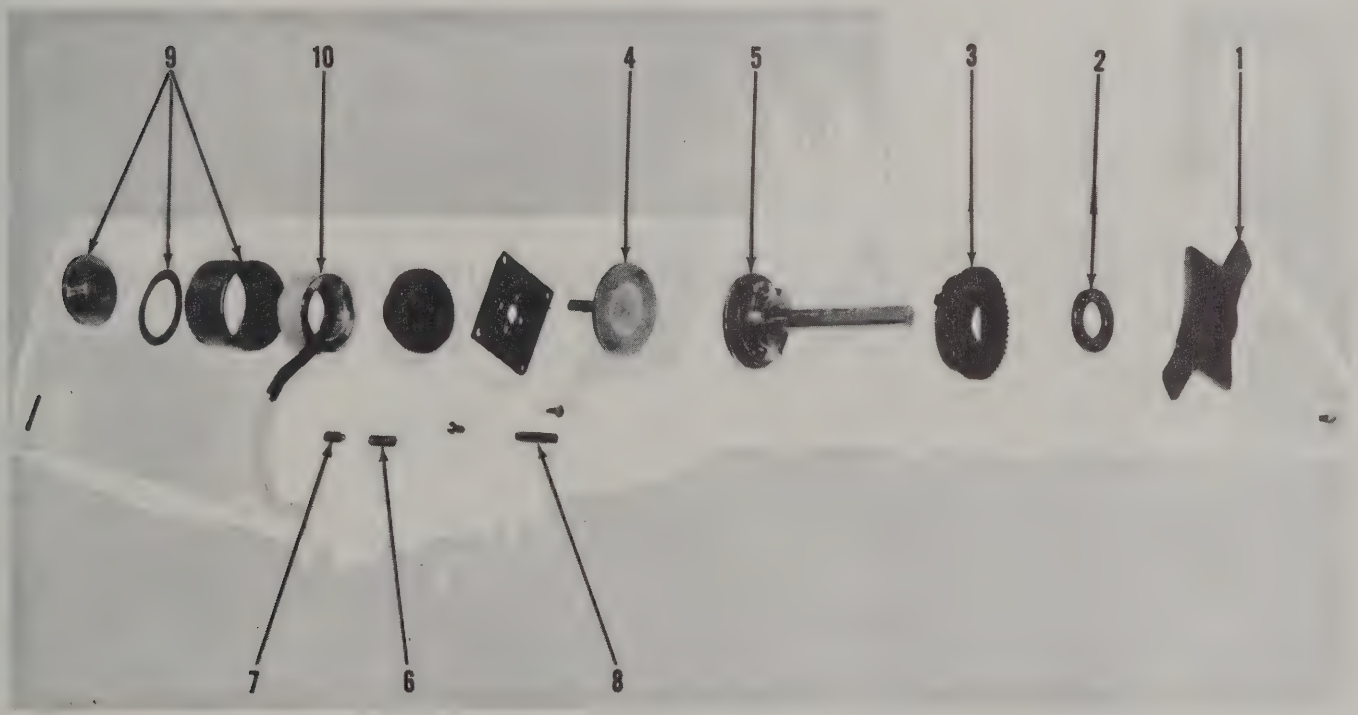


Figure 22. Selector Unit Detail Assembly

SECTION III

NUMERICAL INDEX

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
CC27UJ111J		5-	2	P1	
CE61C100N		5-15	1	P1	
CN401F805		16-56	2	P1	
CP05A1KC104K		8-35	2	P1	
CP05A1KC105K		20-8	1	P1	
CP05A1KC683K		7-37	2	P1	
CP05A1KE103K		9-19	5	P1	
CP05A1KE333K		11-48	2		
CP05A1KE473K		11-43	1	P1	
CP15A3KC474K		7-40	1	P1	
CV11B200		5-43	1	P1	
DM15C002D500VDCW		16-15	2	P1	
DM15C003M500VDCW		7-15	2	P1	
		7-15A			
DM15C004M500VDCW		6-27	2	P1	
DM15C005D500VDCW		9-13	1	P1	
DM15C005M500VDCW		6-	2		
DM15C006J500VDCW		6-	2		
DM15C010D500VDCW		5-67	3	P1	
		9-14			
DM15C010J500VDCW		7-27	2	P1	
DM15C010J500VDCW		19-52	1		
DM15C012D500VDCW		9-7	2		
DM15C015D500VDCW		16-28	1	P1	
DM15C018D500VDCW		9-15	2	P1	
DM15C018J500VDCW		19-18	1	P1	
DM15C027J500VDCW		19-22	1	P1	
DM15C500D500VDCW		4-1	1	P1	
DM15E008D500VDCW		5-84	1		
DM15E022D500VDCW		5-64	3	P1	
		11-18			
DM15E022J500VDCW		5-53	2	P1	
		5-			
DM15E024D500VDCW		5-72	1		
DM15E027G500VDCW		9-5	3	P1	
DM15E030G500VDCW		5-68	1	P1	
DM15E033G500VDCW		7-35	4	P1	
		9-12			
DM15E033J500VDCW		7-30	1		
DM15E039G500VDCW		5-54	1		
DM15E039J500VDCW		4-2	1	P1	
DM15E047G500VDCW		9-16	1	P1	
DM15E056G500VDCW		9-4	3	P1	
		16-32			
DM15E056J500VDCW		20-28A	1		
DM15E082J500VDCW		16-39	1	P1	
DM15F022J500VDCW		7-15A	1	P1	
DM15F027G500VDCW		8-20	1		
DM15F039G500VDCW		5-63	1	P1	
DM15F056G500VDCW		8-19	1		
DM15F062G500VDCW		5-55	3	P1	
		5-62			
		9-17			
DM15F068G500VDCW		5-70	2	P1	
		19-15			
DM15F075G500VDCW		5-73	1	P1	
DM15F075J500VDCW		7-32	1		

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
DM15F082G500VDCW		8-18	2	P1	
		9-18			
DM15F091J500VDCW		4-3	1	P1	
DM15F100G500VDCW		5-56	5		
DM15F100G500VDCW		5-61		P1	
		9-3			
DM15F100J500VDCW		7-19	3	P1	
		7-19A			
		19-48			
DM15F110J500VDCW		16-34	1	P1	
DM15F120G500VDCW		8-17	1	P1	
DM15F130G500VDCW		5-71	1	P1	
DM15F150G500VDCW		8-16	3	P1	
		9-2			
DM15F160G500VDCW		5-57	2	P1	
		5-60			
DM15F180G500VDCW		5-74	4	P1	
		5-81			
		9-6			
		11-58			
DM15F180J500VDCW		16-36	1	P1	
DM15F200G500VDCW		8-7	6	P1	
		9-1			
DM15F220G500VDCW		5-75	4	P1	
		8-28			
		9-21			
		11-57			
DM15F240G500VDCW		8-24	1	P1	
DM15F270G500VDCW		8-23	3	P1	
		9-11			
DM15F330G500VDCW		8-22	1	P1	
DM15F360G500VDCW		8-8	2	P1	
DM15F390G500VDCW		8-29	4	P1	
		9-10			
		11-55			
DM15F470G300VDCW		5-83	4	P1	
		8-21			
		8-21A			
		11-54			
DM15F470J300VDCW		6-28	17	P1	
		7-33			
		7-36			
		11-17			
		19-6			
		19-49			
		19-53			
		19-67			
DM15F510G300VDCW		9-9	3	P1	
		11-46			
DM15F510J300VDCW		20-28	1		
DM15F620G300VDCW		8-9	4	P1	
		11-42			
DM15F680G300VDCW		9-8	3	P1	
		11-			
DM15F680J300VDCW		19-20	1	P1	
DM15F820G300VDCW		6-29	2	P1	
DM15F820J300VDCW		7-28	1		

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
DM20F122G500VDCW	5910-	8-5	1	P1	
DM20F132G500VDCW	5910-	8-11	2	P1	
DM20F182G500VDCW		8-1	3	P1	
		9-20		P1	
DM20F272G500VDCW	5910-	8-2	2	P1	
		8-34			
DM20F362G500VDCW	5910-	8-3	2	P1	
DM20F432J300VDCW		16-35	2	P1	
DM20F472J300VDCW		7-1	1	P1	
DM20F512G500VDCW		8-4	2		
DM20F910G500VDCW		8-10	2	P1	
FT-SM1		6-21	2		
FT-SM14		6-20	4		
FT1500	5910-666-8168	10-3	1	P1	
GM3449-33CT-NI		4-8	2		
GM3449-33CT-NI	5940-	19-71A	1	P1	
GM3449-33CUT-NI		8-36	8	P1	
		20-12			
		20-33			
GM3449-36CT-NI	5940-	7-24A	1	P1	
GM3449-4ACUT-NI		10-2A	8		
		10-2			
GM3449-6C-CT-NI		10-	1		
GM3550-1CT-NI		6-16	1		
GM3550-3CT-NI	5940-	7-47	10	P1	
		7-48			
		19-68			
		19-74A			
		20-30			
GM3550-3CUT-NI	5940-543-8511	16-47	5		
		20-11			
HP10N	5340-664-4287	20-14	1	P1	
JAN0B2	5960-166-7648	5-6	1		
JAN1N277		20-6G	1		
JAN1N538		12-5	1		
JAN1N457		5-22A	3		
JAN5636		5-2	5		
JAN5840		5-3	3		
MS15795-202	5310-582-9461	5-	11		
MS15795-203	5310-	2-	34		
MS15795-204	5310-	2-	2		
MS15795-205	5310-	5-	10		
MS15795-206	5310-186-7410	5-	5		
MS15795-207	5310-194-9195	5-	9		
MS16562-17	5315-	10-	1	X1	
MS16633-1018	5340-	10-	6		
MS25010-2A	6210-504-1011	2-	2	P1	
MS25082-3	5310-655-6930	5-	6		
MS25237-327	6240-155-7836	2-6	3	P1	
MS35223-1	5305-625-5747	7-	6		
MS35223-12	5305-638-3321	9-	17		
MS35223-13	5305-043-6638	5-66A	28		
MS35223-14	5305-558-4889	5-	24		
MS35223-16	5305-558-4890	5-29A	3		
MS35223-18	5305-638-3286	5-	6		
MS35223-19	5305-638-3338	5-	8		
MS35223-2	5305-543-5080	5-	39		
MS35223-20	5305-638-3269	10-	4		
MS35223-22	5305-558-4889	8-	4		
MS35223-25	5305-638-3435	8-	1		
MS35223-26	5305-637-7079	19-	2		
MS35223-27	5305-208-4861	5-	15		
MS35223-28	5305-638-3211	5-	1		
MS35223-29	5305-	5-	10		
MS35223-3	5305-620-8158	6-	25		
MS35223-30	5305-576-7518	20-	1		
MS35223-32	5305-638-3268	10-	2		
MS35223-39		6-	1		
MS35223-4	5305-655-7429	5-	7		
MS35223-46	5305-	20-14A			
MS35223-5	5305-638-3312	6-	6		
MS35223-53	5305-655-6766	5-	2		
MS35223-6	5305-616-4825	5-	4		
MS35223-7	5305-616-8122	5-59B	2		
MS35233-54	5305-543-2793	5-	4		
MS35239-20	5305-151-0931	6-	2		
MS35239-22	5305-619-1157	6-	2		

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
MS35239-8		20-	1		
MS35333-90		5-	3		
MS35335-30		5-	4		
MS35337-39		5-59B	127		
MS35337-40		5-66A	142		
MS35337-41		5-	68		
MS35337-42		5-	10		
MS35489-1		15-11	1		
MS35649-22		5-59B	29		
MS35649-42		2-	49		
MS35649-62		5-	21		
MS35649-82		5-	3		
MS51017-20		10-	1		
MS51017-9		10-	3		
MS51053-101		2-	8	X1	
MS91528-1D2G		2-	4	P1	
MX162		6-55	1	P1	
M9P-LSH19		6-4	1	P1	
M9S-LRN		5-10	1	P1	
NAS43DD-1-8		20-	1		
NAS549L8		5-	9		
OA2		3-	1		
PC3-1/2-8P		2-29	4		
PF3-1/2-38-8P		2-31	4		
PS3-1/2-8P		2-30	4		
RC07GF102K		6-6	7	P1	
RC07GF103K		5-50	10	P1	
RC07GF104J		11-12	4	P1	
RC07GF104K		5-48	11	P1	
RC07GF105K		6-25	36	P1	
RC07GF122J		16-22	2	P1	
RC07GF122K		20-25A	1	P1	
RC07GF123K		11-25	1	P1	
RC07GF152J		11-37	1	P1	
RC07GF153K		7-38	2	P1	
RC07GF154J		19-33	1	P1	
RC07GF181K		6-9	9	P1	
RC07GF183K		11-24	3	P1	
RC07GF184K		11-20	1	P1	
RC07GF222J		7-16B	2	P1	
RC07GF223K		11-13	2	P1	
RC07GF224J		19-31	1	P1	
RC07GF224K		7-17	3	P1	
RC07GF271K		15-8	1	P1	
RC07GF272J		11-38	1	P1	
RC07GF273K		19-23	1	P1	
RC07GF274K		17-8	1	P1	
RC07GF331K		6-8	11	P1	
RC07GF332K		11-59	1	P1	
RC07GF333J		19-21	1	P1	
RC07GF333K		7-11	5	P1	
RC07GF334J		7-21	1	P1	
RC07GF391K		7-23	2	P1	
RC07GF392K		7-69	1	P1	
RC07GF393K		7-26	2	P1	
RC07GF394J		11-45	2	P1	
RC07GF472J		11-60	2	P1	
RC07GF472K		6-26	2	P1	
RC07GF473K		7-16	3	P1	
RC07GF474K		5-47	7	P1	
RC07GF561K		6-11	3	P1	
RC07GF562K		11-26	2	P1	
RC07GF563K		6-30	4	P1	
RC07GF681K		6-7	1	P1	
RC07GF682K		19-47	2	P1	
RC07GF683K		7-39	3	P1	
RC07GF684K		16-14	1	P1	
RC07GF752J		16-21	2	P1	
RC07GF820K		6-10	4	P1	
RC07GF821K		11-21	4	P1	
RC07GF822J		19-14	1	P1	
RC07GF822K		11-23	2	P1	
RC07GF823K		16-23	2	P1	
RC20GF100K		12-4	1	P1	
RC20GF102J		20-17	3	P1	

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
RC20GF102K		7-25	2	P1	
RC20GF103J		19-45	2	P1	
RC20GF103K		16-6	2	P1	
RC20GF104K		4-6	6	P1	
RC20GF151K		20-19	1	P1	
RC20GF153J		20-27	1	P1	
RC20GF153K		7-12	1	P1	
RC20GF182K		15-5	1	P1	
RC20GF183J		16-29	1	P1	
RC20GF223K		16-18	1	P1	
RC20GF272K		7-3	4	P1	
RC20GF273K		11-66	1	P1	
RC20GF274J		12-2	1	P1	
RC20GF332K		7-31	1	P1	
RC20GF333K		7-22	1	P1	
RC20GF393K		11-49	1	P1	
RC20GF472K		7-5	10	P1	
RC20GF473K		11-33	2	P1	
RC20GF474J		19-44	1	P1	
RC20GF474K		4-5	1	P1	
RC20GF682K		20-18	1	P1	
RC20GF683J		12-1	1	P1	
RC20GF683K		7-4	3	P1	
RC20GF822K		7-9	2	P1	
RC32GF104K		16-24	1	P1	
RC32GF221K		13-4	2	P1	
RC32GF333K		20-7	1	P1	
RC32GF563K		16-11	1	P1	
RC337-1		2-16	1	P1	
RC42GF101K		5-32	1	P1	
RC42GF131J		10-1	4	P1	
RC42GF392K		20-16	1	P1	
RC42GF393K		16-9	1	P1	
RC42GF470K		5-	1	P1	
RF0701-35		20-5A	1	P1	
RG-187/U		4-10	2		
RPN2-565CL		2-28	4		
RPN4-40SCL		5-	3		
RP9026G2		5-24	2	P1	
		16-46			
RP9026G3		6-3	4	P1	
		20-1			
RST-SM-I-L2		6-19	1		
RS437-3A8K		15-2	1	P1	
RV6LAYSA103A		11-67A	1		
RV6LAYSA252A		11-65	1		
RW29V102		5-12	2	P1	
RW29V122		5-11	2	P1	
RW31V312		5-13	2	P1	
RW59V400		7-14	5	P1	
SERIES 65		2-25	1	P1	
SKT14WHITE		19-57	3	P1	
SMB423813		5-28A	1		
ST-SM1		5-28	2	P1	
TEF1-150C11		16-19	1	P1	
TS101P01		19-5	1	P1	
TS102P01		16-53	2	P1	
TS102U01		4-	2	P1	
TS102U02		4-	3	P1	
TYPE F WAFER		5-58	1		
TYPE RC-337-1		9-25	1		
USAF2N404		17-13	1	P1	
USN1N3029B		6-5	1	P1	
USN1N3036B		20-15	1	P1	
USN1N970B		17-9	1	P1	
V15		5-49	6	P1	
		6-32			
WA510		5-87	3		
1N270		17-1	2	P1	
1N457		7-7	5	P1	
		7-7A	10		
		11-16			
		11-36			
		16-26			
		19-26			
1N458		4-4	1	P1	
1N538		20-25	4	P1	
1N540		20-21	1	P1	
1N645		5-22B	1	P1	
1N753		20-28C	1		
126-150		20-6	1	P1	
126-151		19-71	1	P1	
126-806		5-18	3	P1	
		11-79			
126-807		5-16	1	P1	
13G24300		5-1	9	P1	
		6-1			
1467A		19-56	4	P1	
150D225X0020A2		17-11	1	P1	
150D226X0006B2		17-6	1	P1	
150D475X0035B2		15-3	2	P1	
		19-51			
167-454-3		10-14	1	X1	
2104-4		2-	6	P1	
		12-12			
		16-50			
		16-52			
		16-54			
2104-6		5-	1	P1	
220776F		5-59	1	X1	
220777F		9-27	1	X1	
220778F		6-36	7	P1	
		8-39			
		9-26			
220779F		5-66	1	X1	
220780F		5-77	1	X1	
220781F		5-35	3	X1	
		5-80			
		8-40			
220785F1		2-22	1	P1	
225AA804E (DELETED)					
226AA100A		5-23	1	P1	
226AA203B (DELETED)					
2506-04-00		5-20	12	P1	
		5-78			
		8-15			
		8-			
		8-33			
		9-29			
		9-31			
		9-33			
		10-15			
259843-508		17-15	1	X1	
29F2201G2		20-10	1	P1	
29F478G36		20-24	1	P1	
4029		7-43	5	P1	
		7-48			
4040		6-	13	P1	
		6-			
		11-77			
		16-			
		19-			
		19-			
		20-			
449696-5		5-31	56	P1	
		5-51			
		5-82			
		7-2			
		11-10			
		11-40			
		13-2			
		15-3A			
		16-10			
		16-31			
		16-37			
		19-10			
		19-43			
		19-51A			
		19-64			
		19-66			
		20-6F			
		20-29			

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
449696-57	5910-	11-15	8	P1	
		19-8			
		19-35			
459691-2	5910-669-4145	6-35	5	P1	
		7-18			
		7-18A			
46025	5935-502-3790	19-55	4	P1	
460634-505		22-4	4	X1	
460918-1	5910-648-7856	5-44	1	P1	
474545-12		22-6	4	X1	
460918-4		5-59B	1	P1	
480346-705		2-4	2	X1	
483884-1	5960-	16-2	1	P1	
483884-2	5960-	16-1	1	P1	
485718-1	5940-751-1010	11-80	5	P1	
		16-			
		19-			
485718-3	5940-	20-	7	P1	
		20-			
		20-			
		20-29A			
486039-4		6-	1		
486039-8	5940-552-1627	8-	1		
486041-8		20-32	1		
486068-501	5905	12-3	2	P1	
		16-44			
486068-502	5905-	16-45	1	P1	
486071-6		16-	2		
489457-2		22-9	4	X1	
489460-502		22-10	4	P1	
5A1192	6105-538-8003	10-5	1	P1	
5S3-1	5310-530-9963	2-3	2	X1	
506-5777-005	5821-538-0824	3-	REF		
506-6104-004		12-	REF		
506-6106-005	5821-505-2907	14-	REF		
506-6215-004	5821-247-3508	15-	REF		
506-6625-006	5821-295-6697	3-	REF		
506-6651-005		20-	REF		
506-6667-006	5821-505-3599	16-	REF		
506-6919-006	5821-505-2602	4-	REF		
506-7036-005		13-	REF		
506-7450-006	5821-547-3496	18-	REF		
522-0060-006	5821-509-8742	3-16	1		
526-9130-031		4-9	2	P1	
		16-43			
541-6550-003		16-	1		
541-6551-003	5960-564-4772	13-	4		
		15-			
541-6552-003	5960-295-7652	3-	1		
541-6554-003	5960-564-4755	3-	8		
		13-			
		14-			
		16-			
5636S	5960-230-5226	11-3	4	P1	
		19-3			
5685	2990-535-6903	3-	1		
5686	3110-155-9110	13-	3		
		14-			
5726	4519-1680-629-0342	4-	3	P1	
		16-			
5726/6AL5W	5960-262-0185	16-4	1	P1	
57462-153	5305-601-7397	15-	2		
57478-126	5305-	10-	4		
5749	1450-783-6848	4-	5		
		13-			
		15-			
5751	1450-474-5166	3-	3	P1	
		16-			
		16-3			
5814A	5960-262-0210	14-	1		
5840S	5960-230-5241	11-2	3	P1	
6AU6WB	5960-681-9802	15-1	2	P1	
		16-5			
6021	5960-261-8679	6-2	1	P1	

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
6021		11-4	9	P1	
		19-2			
		19-41			
60560-707		2-	1	B	
6159		18-	3		
629482-8		5-25	1	P1	
6520-88		8-42	9		
6520-90		11-81	18		
		11-89			
67592-124		5-	3	P1	
		5-			
7/8-6		20-23	1	P1	
737870-10		5-9	1	P1	
737873-212		11-34	1	P1	
743980-14		5-27	1	P1	
743980-19		5-26	1	P1	
79534-1		12-9	1		
79534-6		4-13	1	P1	
8180594-502		16-48	1	P1	
8180595-503		19-77	1	P1	
8180596-502		11-76	1	P1	
8180598-503		19-76	1	P1	
8180598-504		19-75	1	P1	
82244-701		19-	3		
8314509-501		3-10	1		
		16-	REF		
8314526-501		3-3	1	P1	
		5-	REF		
8314526-502		5-59A	1		
8314527-501		3-4	1	P1	
		11-	REF		
8314528-501		3-	1	X1	
8314531-501		3-15	1	X1	
		20-	REF		
8314542-2		11-90	1		
8314542-501		11-	1	X1	
8314554-1		10-	2		
		10-31			
8314561-501		5-89	1	X1	
		10-	REF		
8316546-501		7-52	1	X1	
8316564-501		21-1	1		
8410608		6-17	1		
8410608-3		7-49	24	P1	
		11-78			
		19-74			
8410773-1		11-1	16	P1	
		19-1			
		19-40			
8413723-1		2-25	1	P1	
8439543-3		2-19	4		
8439543-4		2-18	4		
8445923-4		6-39	3		
8446097-1		19-	2	M	
8446098-1		16-49	1	X1	
8446477-1		6-57	1	P1	
8447345-2		16-	1		
8447345-501		16-42	1	X1	
8447349-1		19-63	1	M	
8447351-501		15-12	1	X1	
8447354-501		15-9	1	X1	
8447366-1		20-2	1	M	
8447369		15-13	1	X1	
8447372-501		3-7	1	P	
8447372-502		3-	1	P1	
8447382-2		12-13	1	M	
8447874-501		11-71	1	P1	
8447882-501		11-73	1	P1	
8447882-502		11-74	1	P1	
8447882-503		11-75	1	P1	
8447883-501		5-42	2	P1	
8447883-502		5-41	1	P1	
8447883-503		9-22	1	P1	
8447884-501		9-24	1	P1	
8447884-502		9-23	1	P1	
8447884-503		8-37	1	P1	
8447884-504		8-38	2	P1	
8447923-501		7-41	1	P1	
845116-133		5-	22	B	

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
845116-133 (cont)		5-			
		8-			
		8-			
		9-			
		9-			
8466928-2		11-82	1		
8466928-501	5821-	11-	2	P1	
8466929-1	5820-	11-86	1	X1	
8466930-1	5305-	11-83	1	P1	
8466933-1	5821-	5-19	3	M	
8466933-2	5305-	11-	1	X	
8466939-1	5310-	5-17	2	P1	
8466940-501		6-14	NP	X1	
8466945-1		4-11	1		
8466966-5		8-41	5		
8466968-501	5940-	7-45	1	X1	
8466970-501	5940-	7-46	1	P1	
8466988-1		6-40	1		
8466990-1	5820-	5-21	1	M	
8466990-2	5821-	5-22	1	M	
8469605-1	5821-	10-16	1	X1	
8469606-1		10-30	7		
8469608-1	5821-	10-6	1	X1	
8469614-1	3110-198-0368	2-14	1		
8469621-1	5821-	10-10	1	X1	
8469621-2	5340-	10-17	4	X1	
8469624-501	5940-	5-52	1	P1	
8469625-2		8-14	NP		
		8-27			
		8-32			
8469625-501	5940-	9-28	1	X1	
8469625-502	5940-	9-30	1	X1	
8469625-503	5940-	9-32	1	X1	
8469625-504	5940-	8-	1	X1	
8469625-505	5940-	8-	1	X1	
8469625-506	5940-	8-	1	X1	
8469636-1	5821-	10-21	2	X1	
8469637-1	5821-	10-18	1	X1	
8469647-1	3040-	10-27	1	X1	
8469648-1	5820-	10-4	1	X1	
8469654-501	5821-	10-20	1	X1	
8469667-1	5970-	5-	4	P1	
		5-			
8469667-3	5970-	8-	16	X1	
		9-			
8469667-4	5970-	5-	4	X1	
		5-			
8469667-5	5970-	5-	4	X1	
		5-			
8469667-6	5970-	5-	14	X1	
		5-			
		5-			
		5-			
		8-			
		9-			
8469669-1	5340-	10-29	5	X1	
8469669-2	5340-	10-28	3	X1	
8469683-1	5940-	5-65	2	X1	
		5-76			
8480900-1	5821-	9-34	1	M	
8480998-1		3-14	1	P1	
8480999-1	5821-	2-26	1	M	
8481404-1	9535-	6-56	1	M	
8481412-1	5821-	3-13	1	M	
8481465-1		6-	2	M	
8483783-2		11-	1		
8483783-501	5821-	11-	1	P1	
8483798-502		2-8	1	P1	
8483799-1	5821-	12-10	1	M	
8485376-1		20-6D	1	M	
8485377-1		20-6E	1	M	
8486118-1	5821-	12-11	1	M	
8488737-501	5355-045-7342	2-11	1		
8488737-502	5355-079-2329	2-12	2		
8488737-503	5355-079-2328	2-13	1		
8488738-501	5355-078-6661	2-1	1		
8488739-501	5821-	5-34	1		
8488740-501	5355-053-1576	2-2	1		

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
8489272-1		19-51C	1		
8489274-501		3-	1	P1	
8530409-1		6-18	1	P1	
8530450-1		11-84	2	P1	
8530494-1		19-2A	1		
8545392-1		11-	13		
8555E-R2-OPAQUE		2-7	2	P1	
8610740-502		3-9	1	P1	
		15-	REF		
8610748-501		3-12	1	P1	
		19-	REF		
8610755-501		5-30	1	P1	
		6-	REF		
8614227-502		19-79	1	X1	
8614263-501		2-	1	P1	
8614291-501		5-29	1	M	
8614292-1		5-14	1	M	
8614299-501		5-88	1	X1	
8614801-501		5-38	1	X1	
		7-	REF		
8614817-1		10-8	3		
		10-12			
8614821-1		5-37	1	M	
8627806-501		21-2	2		
8700270-505		10-23	4	X1	
8701591-273		19-51B	1		
8701591-289		20-28B	1	P1	
8701591-297		7-24	4	P1	
		19-7			
		20-26			
8701591-303		20-9	1	P1	
8724717-502		19-78	1	X1	
8724718-501		20-13	1	M	
8724738-1		20-3	2	M	
		20-5			
8724740-502		19-27	1	X1	
8724741-501		17-14	1	X1	
8724757-29		20-5C	1		
8724757-30		20-	1	X1	
8724757-31		20-	1	X1	
8724757-503		4-	1	P1	
8724757-509		20-	1	P1	
8724757-510		20-	1	P1	
8724757-511		20-	1	P1	
8724764-1		11-6	1	M	
8724764-2		11-5	1	M	
8724771-501		11-87	1	X1	
8724772-501		11-61	1	X1	
8724774-2		2-32	1		
8724774-501		2-	1	X1	
8724777-1		2-27	1	X1	
8724779-501		2-15	1	X1	
8724781-2		2-5	1		
8724781-501		2-	1	P1	
8724784-5		2-20	1		
8724784-501		2-17	1	P1	
8724784-502		2-	1		
8724788-1		2-10	1	P1	
8724792-501		11-29	1	X1	
8724793-501		5-66A	1	X1	
8724794-2		6-23	1		
8724794-501		6-	1	M	
8724795-501		6-	1	P1	
8724797-2		6-62	1		
8724797-501		6-	1		
8724799-1		2-21	1	P1	
8726747-501		16-57	4	X1	
8726763-503		3-5	1	X1	
		12-	REF		
8726764-501		16-33	1	X1	
8726765-1		16-58	1	X1	
8726769-502		19-50	1	X1	
8726770-501		16-51	1	X1	
		17-	REF		
8726771-502		19-30	1	X1	

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
8745000-1		2-23	1	P1	
8745001-1		2-24	1	P1	
8745004-1		2-17	1	P1	
8745012-501	5940-	7-44	1	X1	
8745016-501	5915-	5-	1	X1	
8745022-2		5-	1		
8745022-501	5821-	5-35	2	M	
		5-36			
8745023-1		8-43	1		
8745025-501	5821-	9-35	1	X1	
8745025-502	5821-	8-	1	X1	
8745036-501	5821-	5-39	1	P1	
		8-	REF		
8745037-501	5821-	5-40	1	P1	
		9-	REF		
8745038-501	5821-	10-13	1	X1	
8745038-502	5821-	10-7	2	X1	
		10-19			
8745038-503	5821-	10-11	2	X1	
		10-22			
8745044-501	5821-857-6690	3-1	1	P1	
		4-	REF		
8748048-1		5-	1	M	
8811154-43		20-14A	1	P1	
8819178-501	5915-503-0105	7-42	1	P1	
8820650-2	5935-502-1288	6-	7	P1	
		7-50			
8820650-4	5935-631-9176	7-51	28	P1	
		11-			
		19-			
8821341		22-	32	X1	
8821362-502		22-1	4	X1	
8825429-705	5310-	2-	1		
8825429-711	5310-	10-26	1		
8830314-102	5940-	6-12	39	X1	
		8-13			
		8-25			
		8-30			
8830314-104		8-12	15		
		8-26			
		8-31			
8830314-111		6-13	24		
8830314-112		6-60	8		
8837061-1		22-8	16	X1	
8837096-501		22-5	5	X1	
8837543-1		22-3	4	X1	
8837963-1	5950-	11-69	1	P1	
8837963-2	5950-	11-68	1	P1	
8838340-501	5950-	19-59	1	P1	
8838340-502	5950-	11-70	1	P1	
8838701-510	5950-	11-72	1	P1	
8849825-1	5960-280-3011	5-4	1	P1	
8854312		22-2	4	X1	
8865914-6		6-61	28		
8888568-1	5935-	5-8	1	P1	
8889367-1	5960-280-6299	5-5	1	P1	
8893977-10	5330-582-3417	5-	17	P1	
		5-			
		6-			
		6-			
889534-1	5305-	11-	1		
889534-65	5310-	2-	1		
8924490-703		20-	5		
8924490-707	5305-804-4522	5-	14		
		5-			
		5-			
		19-			
		19-			
8924490-709		2-	8		
		2-			
8924490-711	5305-	2-	4		
8924490-713	5305-	19-	2		
8924490-715	5305-818-4599	19-	4		
		20-			
8924492-705	5305-	20-	2		
		20-			
8924492-707	5305-803-3628	5-	11		
		5-			
		5-			
		5-			

PART NUMBER	STOCK NUMBER	FIG. & INDEX NO.	QTY PER ART	SOURCE CODE	REPAIR CODE
8924492-711		20-	4		
		20-			
8924492-713		20-	2		
		20-			
8924492-715		20-	1		
8924492-719		20-	1		
8924644-705		20-	1		
8945392-1		11-	13		
8945430-1		12-6	1		
8945696-4		6-34	2	P1	
		19-70			
8946846-2		19-4	1	P1	
8950167-1		20-4	2	P1	
8950202-1		7-13	5	P1	
		15-3			
		17-3			
		19-9			
8954838-34		17-12	1	P1	
8954853-113		6-22	1		
897193-1		12-7	1		
897194-2		5-33	1	P1	
897195-1		20-22	2	P1	
8977970-709		5-	2	P1	
8977971-711		5-	5		
8982273-31		6-41	1	P1	
8982273-32		6-42	1	P1	
8982273-33		6-43	1	P1	
8982273-34		6-44	1	P1	
8982273-35		6-45	1	P1	
8982273-36		6-46	1	P1	
8982273-37		6-47	1	P1	
8982273-38		6-48	1	P1	
8982273-39		6-49	1	P1	
8982273-40		6-50	1	P1	
8982273-41		6-51	1	P1	
8982273-42		6-52	1	P1	
8982273-43		6-53	1	P1	
8982273-44		6-54	1	P1	
8982332-1		15-10	2	P1	
8982344-1		19-28	2	P1	
8982348-1		19-	5	M	
		19-			
		20-			
8982354-502		3-	1	P1	
		13-	REF		
8982356-1		20-31	1	M	
8982358-1		20-3A	1	M	
8982361-1		20-34	1	M	
8985012-501		3-11	1	P1	
		18-	REF		
8985013-501		3-8	1	P1	
		14-	REF		
8985016-1		19-60	1	P1	
8985019-501		3-2	1	P1	
8985028-1		4-12	1	P1	
8985035-1		6-37	2	M	
8985036-1		6-59	1	M	
8985036-2		6-58	1	M	
8985037-2		5-85	3		
8985075-1		6-15	3	M	
8985077-1		6-24	4	M	
		6-38			
8985093-502		2-8	1		
8985097-1		10-9	1		
8985098-2		10-25	1	X1	
8985102-2		10-24	1	X1	
8985120-1		5-7	1	P1	
8987915-129		16-30	1	P1	
93621-5		11-	4		
990072-711		12-8	1		
990074-713		12-	1		
990314-723		5-	2		
990382-702		11-	20		
990382-817		2-	4		
990384-702		11-	4		
990384-706		11-30	9		
		11-62			
		11-			
990384-714		11-	2		
990834-706		11-	4		
99161-6		5-45	2		

SECTION IV

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
A3501	19-4	8946846-2
B3301	10-5	5A1192
CR101	12-5	JAN1N538
CR1401	16-26	1N457
CR1402	17-9	USN1N970B
CR1403	17-1	1N270
CR1404	17-1	1N270
CR301	20-21	1N540
CR302	20-15	USN1N3036B
CR303 thru CR305	20-25	1N538
CR306	20-6G	JAN1N277
CR307	20-28C	1N753
CR308	20-25	1N538
CR3301	5-22A	JAN1N457
CR3302	7-7	1N457
CR3303	7-7A	1N457
CR3304	7-7A	1N457
CR3305 thru CR3308	7-7	1N457
CR3309	5-49	V15
CR3310	5-49	V15
CR3311	5-22B	1N645
CR3312	5-22A	1N457
CR3313	5-22A	1N457
CR3401 thru CR3404	11-16	1N457
CR3405	11-36	1N457
CR3501	19-26	1N457
CR3502	19-26	1N457
CR3601 thru CR3604	6-32	V15
CR3605	6-5	USN1N3029B
CR901	4-2	1N458
C1126	13-2	449696-5
C1223	15-3	8950202-1
C1224	15-3A	449696-5
C1307	14-1	CP05A1KC683K
C1426	16-19	TEF1-150C11
C1427	16-34	DM15F110J500 VDCW
C1429	16-39	DM15E082J500 VDCW
C1430	16-35	DM20F432J300 VDCW
C1431	16-35	DM20F432J300 VDCW
C1433	16-36	DM15F180J500 VDCW
C1434	16-37	449696-5
C1435	16-37	449696-5
C1436	16-31	449696-5
C1437	16-27	DM15C018D500 VDCW
C1438	16-28	DM15C015D500 VDCW
C1439	16-30	8987915-129
C1440	16-15	DM15C002D500 VDCW
C1441	16-15	DM15C002D500 VDCW
C1442	16-10	449696-5
C1443	16-37	449696-5
C1444	16-31	449696-5
C1445	16-32	DM15E056G500 VDCW
C1446	17-12	8954838-34
C1447	17-3	8950202-1
C1448	17-6	150D226X0006B2
C1449	17-11	150D225X0020A2
C1450	17-3	8950202-1
C311	20-24	29F478G36
C313	20-8	CP05A1KC105K
C314	20-6F	449696-5
C316	20-28	DM15F510J300 VDCW
C317	20-29	449696-5
C318	20-10	29F2201G2
C319	20-28A	DM15E056J500 VDCW
C33000	8-10	DM15F910G500 VDCW
C33001	8-9	DM15F620G300 VDCW
C33002	8-8	DM15F360G500 VDCW
C33003	8-7	DM15F200G500 VDCW
C33004	8-29	DM15F390G500 VDCW
C33005	8-34	DM20F272G500 VDCW
C33006	7-13	8950202-1
C33009	5-51	449696-5
C3301	5-31	449696-5
C33010	5-43	CV11B200
C33011	5-81	DM15F180G500 VDCW
C33012	5-67	DM15C10D500 VDCW
C33013	5-71	DM15F130G500 VDCW
C33014	5-70	DM15F068G500 VDCW
C33015	5-68	DM15E030G500 VDCW
C33016	5-67	DM15C10D500 VDCW
C33017	5-75	DM15F220G500 VDCW
C33018	5-74	DM15F180G500 VDCW
C33019	5-73	DM15F075G500 VDCW
C3302	5-60	DM15F160G500 VDCW
C33020	5-72	DM15E024D500 VDCW
C33021	10-14	167-454-3
C33022	7-32	DM15F075J500 VDCW
C33023	7-2	449696-5
C33023	5-82	449696-5
C33025	7-40	CP13A3KC474K
C33026	5-83	DM15F470J300 VDCW

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
C33027	5-84	DM15E008D500 VDCW
C33028	7-28	DM15F820J300 VDCW
C33029	7-1	DM20F472J300 VDCW
C33030	7-2	449696-5
C3303	5-61	DM15F100G500 VDCW
C33031	5-15	CE61C100N
C33032	7-27	DM15C010J500 VDCW
C33033	5-28A	SMB423813
C3304	5-62	DM15F062G500 VDCW
C3305	5-63	DM15F039G500 VDCW
C3306	5-64	DM15E022D500 VDCW
C3307	5-44	460918-1
C3308	7-15	DM15C003M500 VDCW
C3309	7-18A	459691-2
C3310	7-18A	459691-2
C3311	7-2	449696-5
C3312	7-19A	DM15F100J500 VDCW
C3313	5-57	DM15F160G500 VDCW
C3314	5-56	DM15F100G500 VDCW
C3315	5-55	DM15F062G500 VDCW
C3316	5-54	DM15E039G500 VDCW
C3317	5-53	DM15E022J500 VDCW
C3318	5-46	460918-4
C3319	7-2	449696-5
C3320	7-15A	DM15F022J500 VDCW
C3321	7-18	459691-2
C3322	7-2	449696-5
C3323	7-2	449696-5
C3324	9-13	DM15C005D500 VDCW
C3325	9-14	DM15C010D500 VDCW
C3326	9-15	DM15C018D500 VDCW
C3327	9-5	DM15E027G500 VDCW
C3328	9-12	DM15E033G500 VDCW
C3329	9-16	DM15E047G500 VDCW
C3330	9-17	DM15F062G500 VDCW
C3331	9-18	DM15F082G500 VDCW
C3332	9-3	DM15F100G500 VDCW
C3333	9-12	DM15E033G500 VDCW
C3334	9-7	DM15C012D500 VDCW
C3335	9-6	DM15F180G500 VDCW
C3336	9-5	DM15E027G500 VDCW
C3337	9-4	DM15E056G500 VDCW
C3338	9-3	DM15F100G500 VDCW
C3339	9-2	DM15F150G500 VDCW
C3340	9-1	DM15F200G500 VDCW
C3341	9-11	DM15F270G500 VDCW
C3342	9-10	DM15F390G500 VDCW
C3343	9-9	DM15F510G300 VDCW
C3344	9-8	DM15F680G300 VDCW
C3345	7-33	DM15F470J300 VDCW
C3346	7-2	449696-5
C3347	7-2	449696-5
C3348	7-19	DM15F100J500 VDCW
C3349	9-7	DM15C012D500 VDCW
C3350	9-21	DM15F220G500 VDCW
C3351	9-20	DM20F182G500 VDCW
C3352	9-19	CP05A1KE103K
C3354	9-4	DM15E056G500 VDCW
C3355	9-3	DM15F100G500 VDCW
C3356	9-5	DM15E027G500 VDCW
C3357	9-1	DM15F200G500 VDCW
C3358	9-11	DM15F270G500 VDCW
C3359	9-10	DM15F390G500 VDCW
C3360	9-9	DM15F510G300 VDCW
C3361	9-8	DM15F680G300 VDCW
C3362	7-2	449696-5
C3363	7-37	CP05A1KC683K
C3364	7-35	DM15E033G500 VDCW
C3365	7-35	DM15E033G500 VDCW
C3366	8-20	DM15F027G500 VDCW
C3367	8-19	DM15F056G500 VDCW
C3368	8-18	DM15F082G500 VDCW
C3369	8-17	DM15F120G500 VDCW
C3370	8-16	DM15F150G500 VDCW
C3371	8-7	DM15F200G500 VDCW
C3372	8-24	DM15F240G500 VDCW
C3373	8-23	DM15F270G500 VDCW
C3374	8-22	DM15F330G500 VDCW
C3375	8-28	DM15F220G500 VDCW
C3376	8-21	DM15F470G300 VDCW
C3377	8-21	DM15F470G300 VDCW
C3378	8-5	DM20F122G500 VDCW
C3379	8-4	DM20F512G500 VDCW
C3380	8-3	DM20F362G500 VDCW
C3381	8-34	DM20F272G500 VDCW

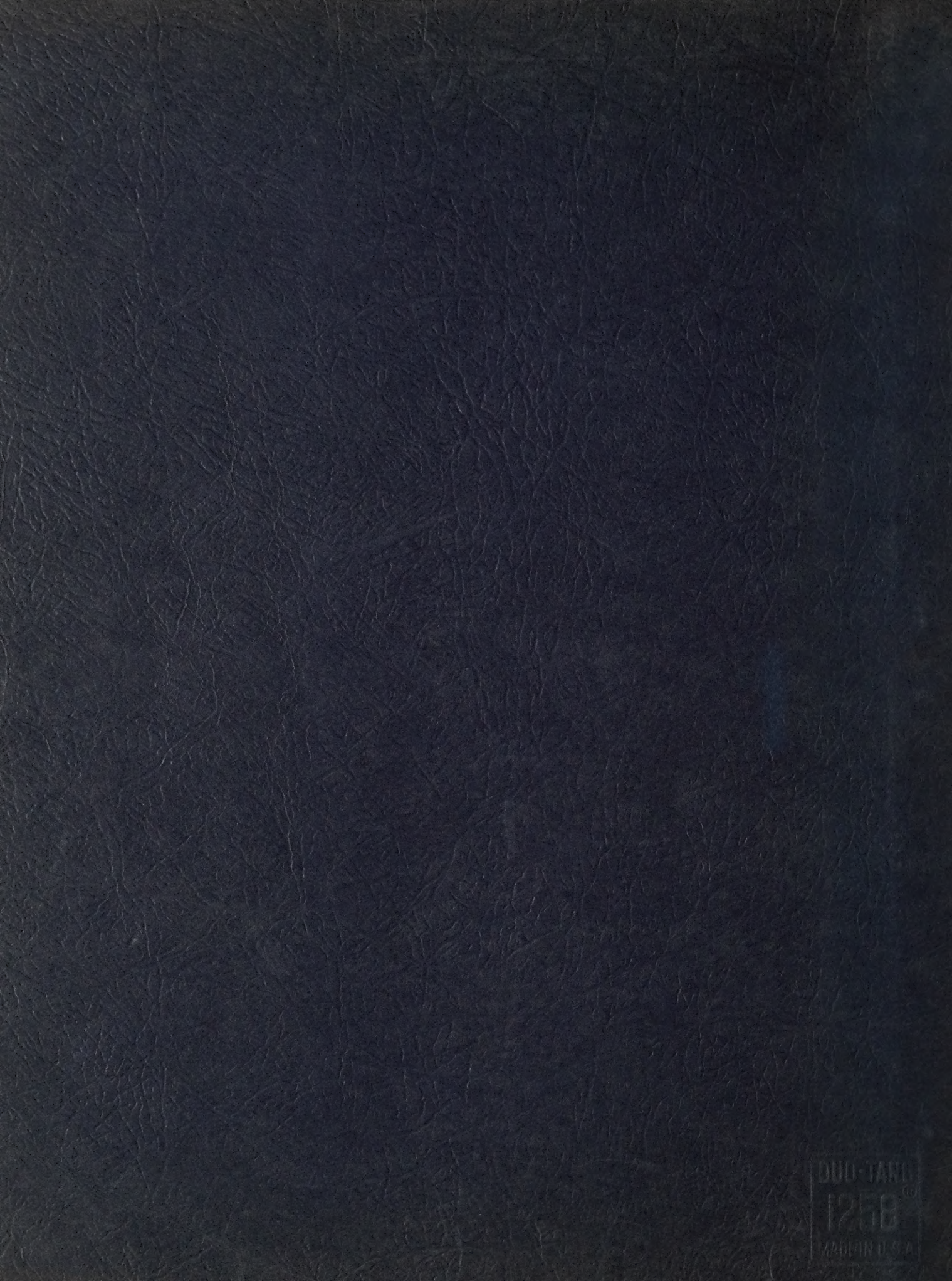
REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
C3382	8-1	DM20F182G500 VDCW
C3383	8-11	DM20F132G500 VDCW
C3384	8-10	DM20F910G500 VDCW
C3385	8-9	DM15F620G300 VDCW
C3386	8-8	DM15F360G500 VDCW
C3387	8-7	DM15F200G500 VDCW
C3388	7-33	DM15F470J300 VDCW
C3389	7-2	449696-5
C3390	7-2	449696-5
C3391	7-36	DM15F470J300 VDCW
C3392	8-7	DM15F200G500 VDCW
C3393	8-9	DM15F620G300 VDCW
C3394	8-35	CP05A1KC104K
C3395	8-4	DM20F512G500 VDCW
C3996	8-3	DM20F362G500 VDCW
C3397	8-2	DM20F272G500 VDCW
C3398	8-1	DM20F182G500 VDCW
C3399	8-11	DM20F132G500 VDCW
C3401	11-54	DM15F470G300 VDCW
C3402	11-55	DM15F390G500 VDCW
C3403	11-40	449696-5
C3404	11-10	449696-5
C3405	11-57	DM15F220G500 VDCW
C3406	11-40	449696-5
C3407 thru C3409	11-10	449696-5
C3410	11-18	DM15E022D500 VDCW
C3411	11-18	DM15E022D500 VDCW
C3412	11-10	449696-5
C3413	11-15	449696-57
C3414	11-15	449696-57
C3415	11-10	449696-5
C3416	11-48	CP05A1KE333K
C3417	11-40	449696-5
C3418	11-15	449696-57
C3419	11-40	449696-5
C3420	11-15	449696-57
C3421	11-10	449696-5
C3422	11-10	449696-5
C3423	11-58	DM15F180G500 VDCW
C3424	11-40	449696-5
C3425	11-40	449696-5
C3426	11-17	DM15F470J300 VDCW
C3427	11-10	449696-5
C3428	11-10	449696-5
C3429	11-15	449696-57
C3430	11-50	CP05A1KE103K
C3431	11-40	449696-5
C3432	11-48	CP05A1KE333K
C3433	11-46	DM15F510G300 VDCW
C3434 thru C3436	11-10	449696-5
C3437	11-43	CP05A1KE473K
C3438	11-40	449696-5
C3439	11-42	DM15F620G300 VDCW
C3440	11-10	449696-5
C3441	11-54A	CC27UJ111J
C3501	19-38	DM15F470J300 VDCW
C3502	19-18	DM15C018J500 VDCW
C3503	19-53	DM15F470J300 VDCW
C3504	19-42	CP05A1KE103K
C3505	19-15	DM15F068J500 VDCW
C3506	19-10	449696-5
C3508	19-42	CP05A1KE103K
C3509	19-6	DM15F470J300 VDCW
C3511	19-10	449696-5
C3513	19-22	DM15C027500 VDCW
C3514	19-6	DM15F470J300 VDCW
C3515	19-70	8945696-4
C3516	19-10	449696-5
C3517	19-20	DM15F680J300 VDCW
C3518	19-53	DM15F470J300 VDCW
C3519	19-49	DM15F470J300 VDCW
C3520	19-53A	DM15F470J300 VDCW
C3521	19-6	DM15F470J300 VDCW
C3522	19-67	DM15F470J300 VDCW
C3523	19-42	CP05A1KE103K
C3524	19-52	DM15C010J500 VDCW
C3525	19-48	DM15F100J500 VDCW
C3526 thru C3528	19-43	449696-5
C3529	19-10	449696-5
C3530	19-35	449696-57
C3531	19-10	449696-5
C3532	19-8	449696-57
C3533	19-9	8950202-1
C3534	19-8	449696-57
C3535	19-51	150D475X0035B2
C3536	19-51A	449696-5
C3601	6-34	8495696-4
C3602	6-27	DM15C004M500 VDCW
C3603	6-28	DM15F470J300 VDCW
C3604	6-28	DM15F470J300 VDCW
C3605	6-29	DM15F820G300 VDCW
C3606	6-35	459691-2
C3607	6-27	DM15C004M500 VDCW
C3608	6-28	DM15F470J300 VDCW
C3609	6-28	DM15F470J300 VDCW
C3610	6-29	DM15F820G300 VDCW
C927	4-2	DM15E039J500 VDCW
C928	4-3	DM15F091J500 VDCW
C935	4-1	DM15C500D500 VDCW
DS3801	2-6	MS25237-327

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
DS3802	2-6	MS25237-327
DS3803	2-6	MS25237-327
E1401	16-47	GM3550-3CUT-NI
E1402	16-47	GM3550-3CUT-NI
E305	20-30	GM3550-3CT-NI
E306	20-33	GM3449-33CUT-NI
E307	20-33	GM3449-33CUT-NI
E309	20-32	486041-8
E310	20-32	486041-8
E311	20-33	GM3449-33CUT-NI
E312	20-33	GM3449-33CUT-NI
E313	20-12	GM3449-33CUT-NI
E314 thru E316	20-11	GM3550-3CUT-NI
E317	20-12	GM3449-33CUT-NI
E319	20-32	486041-8
E3303 thru E3307	7-47	GM3550-3CT-NI
E3308	7-48	GM3550-3CT-NI
E3309	10-2	GM3449-4ACUT-NI
E3311	10-2A	GM3449-36CTNI
E3312	8-36	GM3449-33CUT-NI
E3313	10-2	GM3449-4ACUT-NI
E3315 thru E3318	10-2	GM3449-4ACUT-NI
E3320	10-2	GM3449-4ACUT-NI
E3321	10-3	FT1500
E3322	8-24A	GM3449-36-CT-NI
E3503	19-71A	8982348-1
E3504	19-74A	GM3550-3CT-NI
E901	4-5	GM3449-33
E902	4-5	GM3449-33
FL1401	16-43	526-9130-031
FL902	4-6	526-9130-031
J1401	16-56	CN401F80S
J1402	16-56	CN401F80S
J319	20-6	126-150
J3301	5-16	126-807
J3302	5-10	M9S-LRN
J3401 thru J3413	11-87	8945392-1
J3501 thru J3504	19-55	46025
J3505 thru J3507	19-57	SKT14WHITE
J3801	2-14	8469614
K1201	15-2	RS437-3A8K
K1401	16-46	RP9026G2
K301	20-1	RP9026G3
K302	20-1	RP9026G3
K303	20-4	8950167-1
K305	20-4	8950167-1
K3301	5-25	629482-9
K3302	5-26	225AA804E
K3303	5-24	RP9026G2
K3304	5-27	226AA203B
K3305	5-23	226AA100A
K3601	6-3	RP9026G3
K3602	6-3	RP902G63
L307	20-9	8701591-303
L308	20-26	8701591-297
L309	20-28B	8701591-289
L3301 thru L3304	10-23	8700270-505
L3305	5-42	8447883-501
L3306	5-42	8447883-501
L3307	9-23	8447884-502
L3308	9-22	8447883-503
L3309	9-24	8447884-501
L3310	8-37	8447884-503
L3312	8-38	8447884-504
L3313	5-41	8447883-502
L3315	7-24	8701591-297
L3316	7-24	8701591-297
L3501	19-7	8701591-297
L3502	19-51B	8701591-273
P3301	5-18	126-806
P3302	5-18	126-806
P3401	11-79	126-806
P3501	19-71	126-151
P3601	6-4	M9P-LSH19
P901	4-11	8466945-1
Q1401	17-13	USAF2N404

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
R1054	13-4	RC32GF221K
R1055	13-3	RC07GF104K
R1056	13-4	RC32GF221K
R114	12-2	RC20GF274J
R115	12-1	RC20GF683J
R116	12-3	486068-501
R117	12-4	RC20GF100K
R1210	15-6	RC20GF104K
R1211	15-7	RC07GF104K
R1212	15-8	RC07GF271K
R1213	15-5	RC20GF182K
R1214	15-4	RC07GF224K
R1411	16-23	RC07GF823K
R1424	16-41	RC07GF823K
R1425	16-7	RC20GF102K
R1426	16-22	RC07GF122K
R1427	16-21	RC07GF752J
R1428	16-21	RC07GF752J
R1429	16-20	RC07GF472K
R1430	16-44	486068-501
R1433	16-40	RC07GF102K
R1434	16-16	RC07GF561K
R1435	16-25	RC20GF272K
R1437	16-45	486068-502
R1438	16-29	RC20GF183J
R1439	16-18	RC20GF223K
R1440	16-17	RC07GF223K
R1441	16-24	RC32GF104K
R1442	16-8	RC07GF474K
R1443	16-14	RC07GF684K
R1444	16-11	RC32GF563K
R1445	16-6	RC20GF103K
R1446	16-38	RC07GF181K
R1447	16-13	RC07GF563K
R1448	16-12	RC20GF103K
R1449	16-9	RC42GF393K
R1450	17-5	RC07GF561K
R1451	17-7	RC07GF103K
R1452	17-8	RC07GF274K
R1453	17-4	RC07GF102K
R1454	17-7	RC07GF103K
R1455	17-2	RC07GF104K
R1456	17-10	RC07GF224K
R1528	18-1	RC20GF104K
R311	20-7	RC32GF333K
R312	20-19	RC20GF151K
R313	20-16	RC42GF392K
R314	20-20	RC20GF472K
R315 thru R317	20-17	RC20GF102J
R318	20-18	RC20GF682K
R323	20-27	RC20GF153J
R324	20-6A	RW31V312
R325	20-6B	RW29V102
R326	20-6C	RW29V122
R327	20-25A	RC07GF122K
R3301	5-32	RC42GF101K
R3302 thru R3305	10-1	RC42GF131J
R3306	7-16B	RC07GF222J
R3307	7-16A	RC07GF473K
R3308	7-17	RC07GF224K
R3309	7-20	RC07GF222J
R3310	7-21	RC07GF334J
R3311	7-4	RC20GF683K
R3312	7-22	RC20GF333K
R3313	7-5	RC20GF472K
R3314	7-6	RC07GF105K
R3315	7-23	RC07GF391K
R3316	7-23	RC07GF391K
R3317	7-5	RC20GF472K
R3318	7-6	RC07GF105K
R3319	7-3	RC20GF272K
R3320	9-25	TYPERC-337-1
R3321	7-11	RC07GF333K
R3322	7-34	RC07GF474K
R3323	7-6	RC07GF105K

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
R3324	7-6	RC07GF105K
R3325	7-4	RC20GF683K
R3326	7-5	RC20GF472K
R3327	7-16	RC07GF473K
R3328	7-8	RC07GF181K
R3329	7-9	RC20GF822K
R3330	7-10	RC07GF563K
R3331	7-10	RC07GF563K
R3332	7-11	RC07GF333K
R3333	7-11	RC07GF333K
R3334 thru R3336	7-6	RC07GF105K
R3337	7-39	RC07GF683K
R3338	7-5	RC20GF472K
R3339	7-38	RC07GF153K
R3340	7-4	RC20GF683K
R3341	7-8	RC07GF181K
R3342	7-12	RC20GF153K
R3343	5-48	RC07GF104K
R3344	5-48	RC07GF104K
R3345	5-50	RC07GF103K
R3346	5-47	RC07GF474K
R3347	7-29	RC07GF103K
R3348	7-7B	RC20GF472K
R3349	7-31	RC20GF332K
R3350	7-25	RC20GF102K
R3351	7-29	RC07GF103K
R3352	7-26	RC07GF393K
R3353	5-11	RW29V122
R3354	5-12	RW29V102
R3355	5-13	RW31V312
R3356	7-14	RW59V400
R3357	7-14	RW59V400
R3358	5-69	RC07GF392K
R3401	11-53	RC20GF272K
R3402	11-23	RC20GF393K
R3403	11-56	RC20GF472K
R3404	11-21	RC07GF821K
R3405	11-24	RC07GF183K
R3406	11-9	RC07GF105K
R3407	11-21	RC07GF821K
R3408	11-9	RC07GF105K
R3409	11-20	RC07GF184K
R3410	11-9	RC07GF105K
R3411	11-14	RC07GF103K
R3412	11-14	RC07GF103K
R3413	11-28	RC07GF474K
R3414	11-19	RC20GF272K
R3415	11-28	RC07GF474K
R3416	11-51	RC07GF103K
R3417	11-52	RC07GF153K
R3418	11-11	RC07GF104K
R3419	11-11	RC07GF104K
R3420	11-21	RC07GF821K
R3422	11-56	RC20GF472K
R3423	11-39	RC07GF104J
R3424	11-37	RC07GF152J
R3425	11-60	RC07GF472J
R3426	11-38	RC07GF272J
R3427	11-12	RC07GF104J
R3428	11-26	RC07GF562K
R3429	11-9	RC07GF105K
R3430	11-13	RC07GF223K
R3431	11-49	RC20GF393K
R3432	11-67	RC07GF105K
R3433	11-34	737873-212
R3434	11-45	RC07GF394J
R3435	11-47	RC07GF104K
R3436	11-11	RC07GF104K
R3437	11-35	RC20GF822K
R3438	11-44	RC07GF823J
R3439	11-45	RC07GF394J
R3441	11-25	RC07GF123K
R3442	11-9	RC07GF105K
R3443	11-41	RC07GF683K
R3444	11-33	RC20GF473K
R3445	11-66	RC20GF273K
R3446	11-33	RC20GF473K
R3447	11-59	RC07GF332K
R3448	11-65	RV6LAYSA252A
R3450	11-27	RW59V400
R3451	11-27	RW59V400
R3452	11-22	RC07GF822K
R3453	11-67A	RC07GF473K
R3501	19-39	RW59V400
R3502	19-36	RC07GF104K
R3503	19-17	RC20GF472K
R3504	19-19	RC07GF472J
R3505	19-31	RC07GF224J
R3506	19-14	RC07GF822J
R3507	19-33	RC07GF154J
R3508	19-34	RC07GF105K
R3509	19-13	RC07GF102K
R3510	19-65	RC20GF472K
R3511	19-37	RC07GF104K
R3512	19-54	RC07GF122K
R3513	19-32	RC07GF821K
R3514	19-16	RC20GF104K
R3515	19-24	RC07GF104K
R3516	19-16	RC20GF104K
R3517	19-46	RC07GF105K
R3518	19-72	RC07GF105K
R3519	19-58	RC07GF683K
R3520	19-73	RC07GF104J
R3521	19-21	RC07GF333J
R3522	19-44	RC20GF474J
R3523	19-45	RC20GF103J
R3524	19-45	RC20GF103J
R3525	19-47	RC07GF682K
R3526	19-47	RC07GF682K
R3527	19-23	RC07GF273K
R3528	19-11	RC07GF474K
R3529	19-13	RC07GF102K
R3530	19-69	RC20GF104K
R3531	19-13	RC07GF102K
R3532	19-12	RC07GF183K
R3533	19-11	RC07GF474K
R3534	19-25	RC07GF105K
R3601 thru R3617	6-31	RC07GF105K
R3620	6-25	RC07GF105K
R3621	6-25	RC07GF105K
R3622	6-31	RC07GF105K
R3623	6-26	RC07GF472K
R3624	6-30	RC07GF563K
R3625	6-6	RC07GF102K
R3626	6-6	RC07GF102K
R3627	6-7	RC07GF681K
R3628	6-8	RC07GF331K
R3629	6-8	RC07GF331K
R3630	6-8	RC07GF331K
R3631	6-8	RC07GF331K
R3632	6-8	RC07GF331K
R3633	6-8	RC07GF331K
R3634	6-8	RC07GF331K
R3635	6-8	RC07GF331K
R3636	6-8	RC07GF331K
R3637	6-8	RC07GF331K
R3638	6-9	RC07GF181K
R3639	6-9	RC07GF181K
R3640	6-9	RC07GF181K
R3641	6-9	RC07GF181K
R3642	6-9	RC07GF181K
R3643	6-9	RC07GF181K
R3644	6-10	RC07GF820K
R3645	6-10	RC07GF820K
R3646	6-10	RC07GF820K
R3647	6-10	RC07GF820K
R3648	6-11	RC07GF561K
R3801	2-25	SERIES 65
R3802	2-16	RC337-1
R903	4-7	RC20GF181K

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NUMBER
R928	4-4	RC20GF104K
R929	4-3	RC20GF474K
S3301A	5-66	220779F
S3301B	5-59	220776F
S3302A	9-27	220777F
S3302B thru S3302D	9-26	220778F
S3303A	8-40	220781F
S3303B thru S3303D	8-39	220778F
S3304	5-35	220781F
S3305	5-80	220781F
S3305B	5-77	220780F
S3306	5-7	8985120-1
S3601	6-36	220778F
S3602	6-55	MX162
S3801	2-21	8724799-1
S3802	2-22	220785F1
S3803	2-23	8745000-1
S3804	2-24	8745001-1
S3805	2-17	8745004-1
TB103	12-7	897193-1
TB1201	15-9	8447354-501
TB1202	15-12	8447351-501
TB1403	16-33	8726764-501
TB1404	17-14	8724741-501
TB301	20-22	897195-1
TB303	20-22	897195-1
TB3301	7-44	8745012-501
TB3302	7-45	8466968-501
TB3303	7-46	8466970-501
TB3304	5-52	8469624-501
TB3305	9-28	8469625-501
TB3306	9-30	8469625-502
TB3307	9-32	8469625-503
TB3308	8	8469625-504
TB3309	8	8469625-505
TB3310	8	8469625-506
TB3311	5-58	TYPE F WAFER
TB3312	5-65	8469683-1
TB3313	5-76	8469683-1
TB3314	5-33	897194-2
TB3401	11-29	8724792-501
TB3402	11-61	8724772-501
TB3508	19-50	8726769-502
TB3509	19-27	8724740-502
TB3601	6	8466940
T1401	16-48	8180594-502
T3301	7-41	8447923-501
T3302	7-42	8819178-501
T3401	11-73	8447882-501
T3402	11-74	8447882-502
T3403	11-72	8838701-510
T3404	11-71	8447874-501
T3405	11-76	8180596-502
T3406	11-75	8447882-503
T3407	11-70	8838340-502
T3408	11-69	8837963-1
T3409	11-68	8837963-2
T3501	19-76	8180598-503
T3502	19-75	8180598-504
T3503	19-59	8838340-501
T3504	19-77	8180595-503
V1203	15-1	6AU6WB
V1406	16-4	5726/6AL5W
V1407	16-3	5751
V1408	16-5	6AU6WB
V3301	5-3	JAN5840
V3302	5-2	JAN5636
V3303	5-2	JAN5636
V3304	5-2	JAN5636
V3305	5-2	JAN5636
V3306	5-2	JAN5636
V3307	5-3	JAN5840
V3308	5-3	JAN5840
V3309	5-6	JAN0B2
V3401	11-2	5840S
V3402	11-3	5636S
V3403	11-3	5636S
V3404	11-2	5840S
V3405	11-4	6021S
V3406	11-3	5636S
V3407 thru V3409	11-4	6021S
V3410	11-2	5840S
V3501	19-2	6021S
V3502	19-2	6021S
V3503	19-3	5636S
V3504	19-2	6021S
V3505	19-41	6021S
V3506	19-41	6021S
V3601	6-2	JAN6021-S
W301	20	8724757-509
W302	20	8724757-510
W303	20	8724757-511
W901	4	8724757-503
XA3501	19-5	TS101P01
XDS3801	2-7	MS25010-2A
XDS3802	2-7	MS25010-2A
XDS3803	2-8	8483798-502
XS3306	5-9	737870-10
XV1406	16-55	TS102P01
XV1408	16-53	TS102P01
XV3301 thru XV3308	7-50	8410608-3
XV3309	5-8	8888568-1
XV3401 thru XV3410	11-78	8410608-3
XV3501 thru XV3506	19-74	8410608-3
XV3601	6-17	8410608
Y3601	6-41	8982273-31
Y3602	6-42	8982273-32
Y3603	6-43	8982273-33
Y3604	6-44	8982273-34
Y3605	6-45	8982273-35
Y3606	6-46	8982273-36
Y3607	6-47	8982273-37
Y3608	6-48	8982273-38
Y3609	6-49	8982273-39
Y3610	6-50	8982273-40
Y3611	6-51	8982273-41
Y3612	6-52	8982273-42
Y3613	6-53	8982273-43
Y3614	6-54	8982273-44
Z1401	16-51	8726770-501
Z1401	17	8726770-501


DUO-TANG
MADE IN U.S.A.